# Product Evaluation Report



| Product Manufacturer | Product Name, Model and/or Description |
|---|---|
| CENTRIA<br>1550 Coraopolis Heights Road<br>Suite 500<br>Moon Township, PA 15108 | Versawall Insulated Metal Wall Panels |

**Code:** Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

**Compliance Method:** Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

**Product Name, Model and/or Designation:** Products covered by this evaluation include the following.

- Versawall Insulated Metal Wall Panels
  - 2” Panel Thickness
    - 30” or 36” Panel Width
    - 22 or 26 GA Steel Exterior and Interior Skins
    - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
  - 2.75” Panel Thickness
    - 30” or 36” Panel Width
    - 22 or 26 GA Steel Exterior and Interior Skins
    - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
  - 4” Panel Thickness
    - 30” or 36” Panel Width
    - 22 or 26 GA Steel Exterior and Interior Skins
    - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core

**Installation Drawings:**

- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 2”, 2.75” and 4” Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.

**Engineering Analysis & Evaluation:**

- Centria Foam Panel Design and Analysis Program CFPA 5.0, Version 2017.
  - Centria “Explanatory Calculations for Centria’s Foam Panel Analysis Program, signed and sealed by John Pflugh, FL P.E. No. 73494, dated 2/21/19. Program results verified by engineering analysis.
  - Allowable Stress Design used.
- See Appendix A and B for Panel Load/Span analysis results.
  - Appendix A, 22 GA Steel Exterior and Interior Skins
    - 2”, 2.75” and 4” panel thickness; 30” and 36” panel widths.
  - Appendix B, 26 GA Steel Exterior and Interior Skins
    - 2”, 2.75” and 4” panel thickness; 30” and 36” panel widths.

**Test Reports:**

- MATERIAL TESTS
  - Intertek Report No. H2598.01-106-31, 09/05/17, Huntsman WR40633 and Baytherm 871 Foam Core Insulation for Versawall 2",Versapanel 1.75", and MetalWrap 2" insulation panels, ASTM D1929-16, *Standard Test Method for Determining Ignition Temperature of Plastics*
    - Self-Ignition Temperature = 500°C (932°F) (Huntsman WR40633 Versawall 2")
    - Flash Ignition Temperature = 440°C (824°F) (Huntsman WR40633 Versawall 2")

- Intertek Report No. 103133595SAT-001A, June 30 , 2017, "Versawall 4" WR40633 Huntsman foam", ASTM E84-16 TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS (UL 723, UBC 8-1, NFPA 255)
  - Flame spread index = 20
  - Smoke developed index = 300
- Intertek Report No. 103167166SAT-010A, August 2, 2017, "Versawall 2" Huntsman foam", ASTM E84-16 TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS (UL 723, UBC 8-1, NFPA 255)
  - Flame spread index = 25
  - Smoke developed index = 250

**Material Test Results - Conformance to Florida Building Code:**

Code mandated material requirements shown below have been met for the Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core material. Note that Flash Ignition Temperature is not a code mandated requirement.

- Surface-burning characteristics per ASTM E84 or UL 723
  - Flame spread index $\leq$ 75
  - Smoke-developed index $\leq$ 450
- Self-ignition temperature per ASTM D1929
  - Self-ignition temperature $\geq$ 650°F (343°C)

**Test Standards Used:**

- ASTM D1929-16
- ASTM E84-16

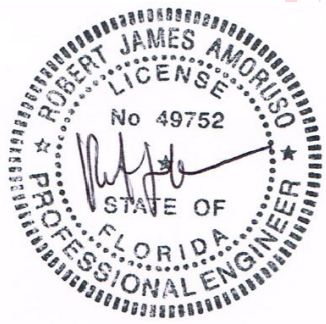
**Limitations & Conditions of Use:**

- This product HAS NOT been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product HAS NOT been tested for Impact Resistant.
- Refer to Product Installation Instructions noted above for:
  - Maximum allowable wind loads at related maximum allowable size(s).
  - Overall dimensions and material/grade of main product components, accessories, etc.
  - Illustrated diagrams of the attachment of the product to substrate structure.
  - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

**Certificate of Independence per Product Approval Rule 61G20-3.009**

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.




Digitally signed by Robert J Amoruso
Date: 2023.08.14 14:51:28 -04'00'

Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

## Appendix A Versawall Panel with 22 GA Steel Exterior and Interior Skins Load/Span Analysis Results

**Applicability: Versawall Insulated Metal Wall Panels**

- 2" Panel Thickness
  - 30" or 36" Panel Width
  - 22 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
- 2.75" Panel Thickness
  - 30" or 36" Panel Width
  - 22 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
- 4" Panel Thickness
  - 30" or 36" Panel Width
  - 22 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core

**Panel Supports: The following panel supports are covered in the Load/Span Tables**

- 3/16" Steel Supports
- 1/4" Steel Supports
- 12, 14, 16 & 18 GA Steel Supports
- 1/8" Aluminum Supports
- 3/16' Aluminum Supports

**Panel to Supports Fasteners:**

- 1/4-inch diameter, 300 series stainless steel or CENTRIA approved.
- See installation drawings for further details

**Installation Drawings:**

- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 2" Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.
- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 2.75" Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.
- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 4" Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.

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PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.

Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 15' - 3" | Deflection | 14' - 8" | Deflection |
| 25.00 | 11' - 3" | Deflection | 13' - 7" | Deflection | 13' - 2" | Deflection |
| 30.00 | 10' - 4" | Deflection | 11' - 8" | Int Fastener | 11' - 11" | Deflection |
| 35.00 | 9' - 7" | Deflection | 10' - 1" | Int Fastener | 11' - 0" | Deflection |
| 40.00 | 8' - 11" | Deflection | 8' - 11" | Int Fastener | 9' - 9" | Int Fastener |
| 45.00 | 7' - 9" | End clip | 8' - 0" | Int Fastener | 8' - 8" | Int Fastener |
| 50.00 | 6' - 10" | End clip | 7' - 3" | Int Fastener | 7' - 10" | Int Fastener |
| 55.00 | 6' - 1" | End clip | 6' - 8" | Int Fastener | 7' - 1" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 6' - 2" | Int Fastener | 6' - 7" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 5' - 9" | Int Fastener | 6' - 1" | End clip |
| 70.00 | 4' - 7" | End clip | 5' - 4" | End clip | 5' - 6" | End clip |
| 75.00 | 4' - 3" | End clip | 4' - 10" | End clip | 5' - 0" | End clip |
| 80.00 | 3' - 11" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 85.00 | 3' - 8" | End clip | 4' - 1" | End clip | 4' - 3" | End clip |
| 90.00 | 3' - 5" | End clip | 3' - 10" | End clip | 4' - 0" | End clip |
| 95.00 | 3' - 3" | End clip | 3' - 7" | End clip | 3' - 8" | End clip |
| 100.00 | 3' - 1" | End clip | 3' - 4" | End clip | 3' - 6" | End clip |
| 105.00 | 2' - 11" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 110.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 115.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 120.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 5' - 7" | Int Fastener | 5' - 10" | Int Fastener |
| 25.00 | 10' - 1" | End Fastener | 4' - 7" | Int Fastener | 4' - 9" | Int Fastener |
| 30.00 | 8' - 4" | End Fastener | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 35.00 | 7' - 2" | End Fastener | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End Fastener | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 45.00 | 5' - 7" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 50.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 55.00 | 4' - 7" | End Fastener | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 60.00 | 4' - 2" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 65.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
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| 80.00 | 3' - 2" | End Fastener | 1' - 6" | Int Fastener | 1' - 7" | Int Fastener |
| 85.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
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| 95.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 3" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 115.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
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1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

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| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 9' - 11" | Int Fastener | 10' - 10" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 8' - 1" | Int Fastener | 8' - 9" | Int Fastener |
| 30.00 | 10' - 4" | Deflection | 6' - 10" | Int Fastener | 7' - 4" | Int Fastener |
| 35.00 | 9' - 7" | Deflection | 5' - 11" | Int Fastener | 6' - 3" | Int Fastener |
| 40.00 | 8' - 11" | Deflection | 5' - 3" | Int Fastener | 5' - 6" | Int Fastener |
| 45.00 | 7' - 9" | End clip | 4' - 9" | Int Fastener | 4' - 11" | Int Fastener |
| 50.00 | 6' - 10" | End clip | 4' - 4" | Int Fastener | 4' - 6" | Int Fastener |
| 55.00 | 6' - 1" | End clip | 4' - 0" | Int Fastener | 4' - 1" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
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| 105.00 | 2' - 11" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 110.00 | 2' - 9" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 120.00 | 2' - 6" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 10' - 3" | Int Fastener | 11' - 3" | Int Fastener |
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$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 14' - 6" | Int Fastener | 14' - 8" | Deflection |
| 25.00 | 11' - 3" | Deflection | 11' - 9" | Int Fastener | 13' - 0" | Int Fastener |
| 30.00 | 10' - 4" | Deflection | 9' - 11" | Int Fastener | 10' - 10" | Int Fastener |
| 35.00 | 9' - 7" | Deflection | 8' - 7" | Int Fastener | 9' - 4" | Int Fastener |
| 40.00 | 8' - 11" | Deflection | 7' - 7" | Int Fastener | 8' - 2" | Int Fastener |
| 45.00 | 7' - 9" | End clip | 6' - 10" | Int Fastener | 7' - 3" | Int Fastener |
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| 90.00 | 3' - 5" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 3' - 2" | End clip | 3' - 3" | Int Fastener |
| 110.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 115.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 120.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 9' - 5" | Int Fastener | 10' - 3" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 7' - 8" | Int Fastener | 8' - 3" | Int Fastener |
| 30.00 | 10' - 4" | Deflection | 6' - 6" | Int Fastener | 6' - 11" | Int Fastener |
| 35.00 | 9' - 7" | Deflection | 5' - 8" | Int Fastener | 5' - 11" | Int Fastener |
| 40.00 | 8' - 11" | Deflection | 5' - 0" | Int Fastener | 5' - 3" | Int Fastener |
| 45.00 | 7' - 9" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 50.00 | 6' - 10" | End clip | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 55.00 | 6' - 1" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 90.00 | 3' - 5" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 9" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 2' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 7' - 1" | Int Fastener | 7' - 7" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 5' - 9" | Int Fastener | 6' - 1" | Int Fastener |
| 30.00 | 10' - 4" | Deflection | 4' - 11" | Int Fastener | 5' - 1" | Int Fastener |
| 35.00 | 9' - 4" | End Fastener | 4' - 3" | Int Fastener | 4' - 5" | Int Fastener |
| 40.00 | 8' - 2" | End Fastener | 3' - 9" | Int Fastener | 3' - 11" | Int Fastener |
| 45.00 | 7' - 3" | End Fastener | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 50.00 | 6' - 7" | End Fastener | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 55.00 | 6' - 0" | End Fastener | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 60.00 | 5' - 6" | End Fastener | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 90.00 | 3' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 110.00 | 2' - 9" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 2' - 6" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 11' - 4" | End Fastener | 5' - 1" | Int Fastener | 5' - 3" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 70.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 10" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 105.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = $2.95x10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.26 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 14' - 6" | Int Fastener | 14' - 8" | Deflection |
| 25.00 | 11' - 3" | Deflection | 11' - 8" | Int Fastener | 12' - 11" | Int Fastener |
| 30.00 | 10' - 3" | End clip | 9' - 10" | Int Fastener | 10' - 9" | Int Fastener |
| 35.00 | 8' - 5" | End clip | 8' - 7" | Int Fastener | 9' - 3" | Int Fastener |
| 40.00 | 7' - 2" | End clip | 7' - 7" | Int Fastener | 8' - 2" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 6' - 10" | Int Fastener | 7' - 3" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 6' - 2" | Int Fastener | 6' - 7" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 5' - 8" | Int Fastener | 5' - 11" | End clip |
| 60.00 | 4' - 5" | End clip | 5' - 2" | End clip | 5' - 3" | End clip |
| 65.00 | 4' - 1" | End clip | 4' - 7" | End clip | 4' - 9" | End clip |
| 70.00 | 3' - 9" | End clip | 4' - 2" | End clip | 4' - 4" | End clip |
| 75.00 | 3' - 5" | End clip | 3' - 10" | End clip | 4' - 0" | End clip |
| 80.00 | 3' - 3" | End clip | 3' - 6" | End clip | 3' - 8" | End clip |
| 85.00 | 3' - 0" | End clip | 3' - 3" | End clip | 3' - 5" | End clip |
| 90.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 2" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 100.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 110.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 6" | End Fastener | 4' - 9" | Int Fastener | 4' - 11" | Int Fastener |
| 25.00 | 8' - 4" | End Fastener | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 30.00 | 7' - 0" | End Fastener | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 35.00 | 6' - 0" | End Fastener | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 40.00 | 5' - 3" | End Fastener | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 45.00 | 4' - 8" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 4' - 2" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 55.00 | 3' - 10" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 60.00 | 3' - 6" | End Fastener | 1' - 8" | Int Fastener | 1' - 9" | Int Fastener |
| 65.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 5" | Int Fastener |
| 80.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 85.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 105.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 8' - 5" | Int Fastener | 9' - 1" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 6' - 10" | Int Fastener | 7' - 4" | Int Fastener |
| 30.00 | 10' - 3" | End clip | 5' - 10" | Int Fastener | 6' - 1" | Int Fastener |
| 35.00 | 8' - 5" | End clip | 5' - 1" | Int Fastener | 5' - 3" | Int Fastener |
| 40.00 | 7' - 2" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 4' - 0" | Int Fastener | 4' - 2" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 3' - 5" | End clip | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 1" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 8' - 8" | Int Fastener | 9' - 5" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 7' - 1" | Int Fastener | 7' - 7" | Int Fastener |
| 30.00 | 10' - 3" | End clip | 6' - 0" | Int Fastener | 6' - 4" | Int Fastener |
| 35.00 | 8' - 5" | End clip | 5' - 2" | Int Fastener | 5' - 5" | Int Fastener |
| 40.00 | 7' - 2" | End clip | 4' - 7" | Int Fastener | 4' - 10" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 75.00 | 3' - 5" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 14' - 6" | Int Fastener | 14' - 8" | Deflection |
| 25.00 | 11' - 3" | Deflection | 11' - 9" | Int Fastener | 13' - 0" | Int Fastener |
| 30.00 | 10' - 3" | End clip | 9' - 11" | Int Fastener | 10' - 10" | Int Fastener |
| 35.00 | 8' - 5" | End clip | 8' - 7" | Int Fastener | 9' - 4" | Int Fastener |
| 40.00 | 7' - 2" | End clip | 7' - 7" | Int Fastener | 8' - 2" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 6' - 10" | Int Fastener | 7' - 3" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 6' - 2" | Int Fastener | 6' - 7" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 5' - 8" | Int Fastener | 5' - 11" | End clip |
| 60.00 | 4' - 5" | End clip | 5' - 2" | End clip | 5' - 3" | End clip |
| 65.00 | 4' - 1" | End clip | 4' - 7" | End clip | 4' - 9" | End clip |
| 70.00 | 3' - 9" | End clip | 4' - 2" | End clip | 4' - 4" | End clip |
| 75.00 | 3' - 5" | End clip | 3' - 10" | End clip | 4' - 0" | End clip |
| 80.00 | 3' - 3" | End clip | 3' - 6" | End clip | 3' - 8" | End clip |
| 85.00 | 3' - 0" | End clip | 3' - 3" | End clip | 3' - 5" | End clip |
| 90.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 2" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 100.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 110.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 2.5  Interior Fastening = 2660 LB w/Safety Factor = 2.5

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 8' - 0" | Int Fastener | 8' - 7" | Int Fastener |
| 25.00 | 11' - 3" | Deflection | 6' - 6" | Int Fastener | 6' - 11" | Int Fastener |
| 30.00 | 10' - 3" | End clip | 5' - 6" | Int Fastener | 5' - 10" | Int Fastener |
| 35.00 | 8' - 5" | End clip | 4' - 10" | Int Fastener | 5' - 0" | Int Fastener |
| 40.00 | 7' - 2" | End clip | 4' - 3" | Int Fastener | 4' - 5" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 3' - 5" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 1" | Int Fastener | 2' - 2" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 5" | Deflection | 6' - 0" | Int Fastener | 6' - 4" | Int Fastener |
| 25.00 | 10' - 11" | End Fastener | 4' - 11" | Int Fastener | 5' - 1" | Int Fastener |
| 30.00 | 9' - 1" | End Fastener | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 35.00 | 7' - 10" | End Fastener | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 40.00 | 6' - 10" | End Fastener | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 45.00 | 6' - 1" | End Fastener | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 5' - 6" | End Fastener | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 1" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 3' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 0" | Int Fastener | 2' - 1" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 65.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 95.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 7" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.6964 $in^4$/Ft  $S_{bf}$ = 0.6964 $in^3$/Ft  $S_{bl}$ = 0.6964 $in^3$/Ft

$A_c$ = 23.28 $in^2$/Ft  $G_c$ = 654 psi  E = 2.95x$10^7$ psi

$F_b$ = 20232 LB w/Safety Factor = 1.875  $F_v$ = 36.8 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.20 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 17' - 4" | Int Fastener | 18' - 6" | Deflection |
| 25.00 | 14' - 2" | Deflection | 14' - 0" | Int Fastener | 15' - 6" | Int Fastener |
| 30.00 | 11' - 10" | End clip | 11' - 10" | Int Fastener | 12' - 11" | Int Fastener |
| 35.00 | 10' - 2" | End clip | 10' - 3" | Int Fastener | 11' - 1" | Int Fastener |
| 40.00 | 8' - 8" | End clip | 9' - 1" | Int Fastener | 9' - 9" | Int Fastener |
| 45.00 | 7' - 7" | End clip | 8' - 2" | Int Fastener | 8' - 8" | Int Fastener |
| 50.00 | 6' - 9" | End clip | 7' - 5" | Int Fastener | 7' - 10" | Int Fastener |
| 55.00 | 6' - 0" | End clip | 6' - 10" | Int Fastener | 7' - 2" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 6' - 3" | Int Fastener | 6' - 6" | End clip |
| 65.00 | 5' - 0" | End clip | 5' - 9" | End clip | 5' - 11" | End clip |
| 70.00 | 4' - 7" | End clip | 5' - 2" | End clip | 5' - 5" | End clip |
| 75.00 | 4' - 3" | End clip | 4' - 9" | End clip | 4' - 11" | End clip |
| 80.00 | 4' - 0" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 85.00 | 3' - 9" | End clip | 4' - 1" | End clip | 4' - 3" | End clip |
| 90.00 | 3' - 6" | End clip | 3' - 9" | End clip | 3' - 11" | End clip |
| 95.00 | 3' - 4" | End clip | 3' - 7" | End clip | 3' - 8" | End clip |
| 100.00 | 3' - 2" | End clip | 3' - 4" | End clip | 3' - 6" | End clip |
| 105.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 110.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 115.00 | 2' - 9" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 120.00 | 2' - 7" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 7" | End Fastener | 5' - 8" | Int Fastener | 5' - 11" | Int Fastener |
| 25.00 | 10' - 1" | End Fastener | 4' - 7" | Int Fastener | 4' - 9" | Int Fastener |
| 30.00 | 8' - 4" | End Fastener | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 35.00 | 7' - 2" | End Fastener | 3' - 5" | Int Fastener | 3' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End Fastener | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 45.00 | 5' - 7" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 50.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 55.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 60.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 65.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 70.00 | 3' - 7" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 75.00 | 3' - 4" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 80.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 85.00 | 2' - 11" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 90.00 | 2' - 9" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 95.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 3" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 115.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 120.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 10' - 1" | Int Fastener | 10' - 11" | Int Fastener |
| 25.00 | 14' - 2" | Deflection | 8' - 2" | Int Fastener | 8' - 9" | Int Fastener |
| 30.00 | 11' - 10" | End clip | 6' - 11" | Int Fastener | 7' - 4" | Int Fastener |
| 35.00 | 10' - 2" | End clip | 6' - 1" | Int Fastener | 6' - 4" | Int Fastener |
| 40.00 | 8' - 8" | End clip | 5' - 4" | Int Fastener | 5' - 7" | Int Fastener |
| 45.00 | 7' - 7" | End clip | 4' - 10" | Int Fastener | 5' - 0" | Int Fastener |
| 50.00 | 6' - 9" | End clip | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 55.00 | 6' - 0" | End clip | 4' - 0" | Int Fastener | 4' - 1" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 3' - 9" | Int Fastener | 3' - 9" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 80.00 | 4' - 0" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 85.00 | 3' - 9" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 95.00 | 3' - 4" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 100.00 | 3' - 2" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 3' - 0" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 2' - 9" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 10' - 5" | Int Fastener | 11' - 3" | Int Fastener |
| 25.00 | 14' - 2" | Deflection | 8' - 6" | Int Fastener | 9' - 1" | Int Fastener |
| 30.00 | 11' - 10" | End clip | 7' - 2" | Int Fastener | 7' - 7" | Int Fastener |
| 35.00 | 10' - 2" | End clip | 6' - 3" | Int Fastener | 6' - 6" | Int Fastener |
| 40.00 | 8' - 8" | End clip | 5' - 6" | Int Fastener | 5' - 9" | Int Fastener |
| 45.00 | 7' - 7" | End clip | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 50.00 | 6' - 9" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 55.00 | 6' - 0" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 4" | Int Fastener | 3' - 4" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 80.00 | 4' - 0" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 85.00 | 3' - 9" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 95.00 | 3' - 4" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 100.00 | 3' - 2" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 105.00 | 3' - 0" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 115.00 | 2' - 9" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 14' - 8" | Int Fastener | 16' - 2" | Int Fastener |
| 25.00 | 14' - 2" | Deflection | 11' - 10" | Int Fastener | 13' - 0" | Int Fastener |
| 30.00 | 11' - 10" | End clip | 10' - 0" | Int Fastener | 10' - 10" | Int Fastener |
| 35.00 | 10' - 2" | End clip | 8' - 8" | Int Fastener | 9' - 4" | Int Fastener |
| 40.00 | 8' - 8" | End clip | 7' - 9" | Int Fastener | 8' - 2" | Int Fastener |
| 45.00 | 7' - 7" | End clip | 6' - 11" | Int Fastener | 7' - 4" | Int Fastener |
| 50.00 | 6' - 9" | End clip | 6' - 4" | Int Fastener | 6' - 7" | Int Fastener |
| 55.00 | 6' - 0" | End clip | 5' - 9" | Int Fastener | 6' - 0" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 5' - 4" | Int Fastener | 5' - 7" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 4' - 8" | Int Fastener | 4' - 9" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 4' - 4" | Int Fastener | 4' - 6" | Int Fastener |
| 80.00 | 4' - 0" | End clip | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 85.00 | 3' - 9" | End clip | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 95.00 | 3' - 4" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 100.00 | 3' - 2" | End clip | 3' - 4" | End clip | 3' - 5" | Int Fastener |
| 105.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 115.00 | 2' - 9" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 120.00 | 2' - 7" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 9' - 7" | Int Fastener | 10' - 4" | Int Fastener |
| 25.00 | 14' - 2" | Deflection | 7' - 9" | Int Fastener | 8' - 4" | Int Fastener |
| 30.00 | 11' - 10" | End clip | 6' - 7" | Int Fastener | 6' - 11" | Int Fastener |
| 35.00 | 10' - 2" | End clip | 5' - 9" | Int Fastener | 6' - 0" | Int Fastener |
| 40.00 | 8' - 8" | End clip | 5' - 1" | Int Fastener | 5' - 3" | Int Fastener |
| 45.00 | 7' - 7" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 50.00 | 6' - 9" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 55.00 | 6' - 0" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 60.00 | 5' - 6" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 80.00 | 4' - 0" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 85.00 | 3' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 3' - 4" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 100.00 | 3' - 2" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 3' - 0" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 2' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 15' - 7" | Deflection | 7' - 2" | Int Fastener | 7' - 7" | Int Fastener |
| 25.00 | 13' - 1" | End Fastener | 5' - 11" | Int Fastener | 6' - 2" | Int Fastener |
| 30.00 | 10' - 11" | End Fastener | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 35.00 | 9' - 4" | End Fastener | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 40.00 | 8' - 2" | End Fastener | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 45.00 | 7' - 3" | End Fastener | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 50.00 | 6' - 7" | End Fastener | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 55.00 | 6' - 0" | End Fastener | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 60.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 65.00 | 5' - 0" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 80.00 | 4' - 0" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 3' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 1' - 9" | Int Fastener | 1' - 10" | Int Fastener |
| 95.00 | 3' - 4" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 3' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 3' - 0" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 115.00 | 2' - 9" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = $2.95x10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 11' - 4" | End Fastener | 5' - 2" | Int Fastener | 5' - 4" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 70.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 10" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 2" | Int Fastener |
| 105.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.44 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 10" | End clip | 17' - 4" | Int Fastener | 18' - 3" | End clip |
| 25.00 | 11' - 10" | End clip | 14' - 0" | Int Fastener | 14' - 6" | End clip |
| 30.00 | 9' - 10" | End clip | 11' - 10" | Int Fastener | 12' - 0" | End clip |
| 35.00 | 8' - 2" | End clip | 10' - 3" | Int Fastener | 10' - 3" | End clip |
| 40.00 | 7' - 0" | End clip | 8' - 8" | End clip | 8' - 8" | End clip |
| 45.00 | 6' - 2" | End clip | 7' - 4" | End clip | 7' - 5" | End clip |
| 50.00 | 5' - 6" | End clip | 6' - 4" | End clip | 6' - 6" | End clip |
| 55.00 | 4' - 11" | End clip | 5' - 7" | End clip | 5' - 9" | End clip |
| 60.00 | 4' - 6" | End clip | 5' - 0" | End clip | 5' - 2" | End clip |
| 65.00 | 4' - 1" | End clip | 4' - 6" | End clip | 4' - 8" | End clip |
| 70.00 | 3' - 10" | End clip | 4' - 1" | End clip | 4' - 3" | End clip |
| 75.00 | 3' - 6" | End clip | 3' - 9" | End clip | 3' - 11" | End clip |
| 80.00 | 3' - 3" | End clip | 3' - 6" | End clip | 3' - 8" | End clip |
| 85.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 5" | End clip |
| 90.00 | 2' - 11" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 95.00 | 2' - 9" | End clip | 2' - 10" | End clip | 3' - 0" | End clip |
| 100.00 | 2' - 7" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 110.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 115.00 | 2' - 3" | End clip | 2' - 4" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 2" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = $2.95x10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 2.5  Interior Fastening = 3179 LB w/Safety Factor = 2.5

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 6" | End Fastener | 4' - 10" | Int Fastener | 4' - 11" | Int Fastener |
| 25.00 | 8' - 4" | End Fastener | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 30.00 | 7' - 0" | End Fastener | 3' - 4" | Int Fastener | 3' - 4" | Int Fastener |
| 35.00 | 6' - 0" | End Fastener | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 40.00 | 5' - 3" | End Fastener | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 45.00 | 4' - 8" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 55.00 | 3' - 10" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 60.00 | 3' - 6" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 65.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 9" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 80.00 | 2' - 7" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 85.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 105.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 10" | End clip | 8' - 6" | Int Fastener | 9' - 1" | Int Fastener |
| 25.00 | 11' - 10" | End clip | 6' - 11" | Int Fastener | 7' - 4" | Int Fastener |
| 30.00 | 9' - 10" | End clip | 5' - 11" | Int Fastener | 6' - 2" | Int Fastener |
| 35.00 | 8' - 2" | End clip | 5' - 2" | Int Fastener | 5' - 4" | Int Fastener |
| 40.00 | 7' - 0" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 4' - 1" | Int Fastener | 4' - 2" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 9" | Int Fastener | 3' - 9" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 5" | Int Fastener | 3' - 5" | Int Fastener |
| 60.00 | 4' - 6" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 70.00 | 3' - 10" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 3' - 1" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 11" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 9" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 105.00 | 2' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 115.00 | 2' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 120.00 | 2' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 10" | End clip | 8' - 9" | Int Fastener | 9' - 5" | Int Fastener |
| 25.00 | 11' - 10" | End clip | 7' - 2" | Int Fastener | 7' - 7" | Int Fastener |
| 30.00 | 9' - 10" | End clip | 6' - 1" | Int Fastener | 6' - 4" | Int Fastener |
| 35.00 | 8' - 2" | End clip | 5' - 4" | Int Fastener | 5' - 6" | Int Fastener |
| 40.00 | 7' - 0" | End clip | 4' - 8" | Int Fastener | 4' - 10" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 60.00 | 4' - 6" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 70.00 | 3' - 10" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 85.00 | 3' - 1" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 90.00 | 2' - 11" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 95.00 | 2' - 9" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 105.00 | 2' - 6" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 115.00 | 2' - 3" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 120.00 | 2' - 2" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 10" | End clip | 12' - 4" | Int Fastener | 13' - 6" | Int Fastener |
| 25.00 | 11' - 10" | End clip | 10' - 0" | Int Fastener | 10' - 10" | Int Fastener |
| 30.00 | 9' - 10" | End clip | 8' - 6" | Int Fastener | 9' - 1" | Int Fastener |
| 35.00 | 8' - 2" | End clip | 7' - 5" | Int Fastener | 7' - 10" | Int Fastener |
| 40.00 | 7' - 0" | End clip | 6' - 7" | Int Fastener | 6' - 10" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 5' - 11" | Int Fastener | 6' - 2" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 5' - 4" | Int Fastener | 5' - 7" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 4' - 11" | Int Fastener | 5' - 1" | Int Fastener |
| 60.00 | 4' - 6" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 70.00 | 3' - 10" | End clip | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 85.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 4" | Int Fastener |
| 90.00 | 2' - 11" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 95.00 | 2' - 9" | End clip | 2' - 10" | End clip | 3' - 0" | End clip |
| 100.00 | 2' - 7" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 110.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 115.00 | 2' - 3" | End clip | 2' - 4" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 2" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 10" | End clip | 8' - 1" | Int Fastener | 8' - 8" | Int Fastener |
| 25.00 | 11' - 10" | End clip | 6' - 7" | Int Fastener | 6' - 11" | Int Fastener |
| 30.00 | 9' - 10" | End clip | 5' - 7" | Int Fastener | 5' - 10" | Int Fastener |
| 35.00 | 8' - 2" | End clip | 4' - 11" | Int Fastener | 5' - 0" | Int Fastener |
| 40.00 | 7' - 0" | End clip | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 45.00 | 6' - 2" | End clip | 3' - 11" | Int Fastener | 3' - 11" | Int Fastener |
| 50.00 | 5' - 6" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 60.00 | 4' - 6" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 70.00 | 3' - 10" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 85.00 | 3' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 90.00 | 2' - 11" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 95.00 | 2' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 2' - 6" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 2' - 3" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 2' - 2" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 8" | End Fastener | 6' - 1" | Int Fastener | 6' - 4" | Int Fastener |
| 25.00 | 10' - 11" | End Fastener | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 30.00 | 9' - 1" | End Fastener | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 35.00 | 7' - 10" | End Fastener | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 40.00 | 6' - 10" | End Fastener | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 45.00 | 6' - 1" | End Fastener | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 55.00 | 4' - 11" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 4' - 6" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 70.00 | 3' - 10" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 1' - 9" | Int Fastener | 1' - 10" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 3' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 11" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 2' - 9" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 2' - 6" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 2' - 3" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 2' - 2" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 4" | Int Fastener | 4' - 6" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 65.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 1" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 95.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 7" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.3274 $in^4$/Ft  $S_{bf}$ = 0.9654 $in^3$/Ft  $S_{bl}$ = 0.9654 $in^3$/Ft

$A_c$ = 32.28 $in^2$/Ft  $G_c$ = 634 psi  E = 2.95x$10^7$ psi

$F_b$ = 21310 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.39 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 17' - 7" | End clip | 17' - 6" | Int Fastener | 19' - 4" | Int Fastener |
| 25.00 | 14' - 1" | End clip | 14' - 3" | Int Fastener | 15' - 6" | Int Fastener |
| 30.00 | 11' - 9" | End clip | 12' - 0" | Int Fastener | 13' - 0" | Int Fastener |
| 35.00 | 10' - 1" | End clip | 10' - 5" | Int Fastener | 11' - 2" | Int Fastener |
| 40.00 | 8' - 7" | End clip | 9' - 3" | Int Fastener | 9' - 10" | Int Fastener |
| 45.00 | 7' - 6" | End clip | 8' - 4" | Int Fastener | 8' - 9" | Int Fastener |
| 50.00 | 6' - 8" | End clip | 7' - 7" | Int Fastener | 7' - 11" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 6' - 9" | End clip | 7' - 0" | End clip |
| 60.00 | 5' - 5" | End clip | 6' - 0" | End clip | 6' - 3" | End clip |
| 65.00 | 4' - 11" | End clip | 5' - 5" | End clip | 5' - 8" | End clip |
| 70.00 | 4' - 7" | End clip | 4' - 11" | End clip | 5' - 2" | End clip |
| 75.00 | 4' - 3" | End clip | 4' - 6" | End clip | 4' - 9" | End clip |
| 80.00 | 3' - 11" | End clip | 4' - 2" | End clip | 4' - 4" | End clip |
| 85.00 | 3' - 8" | End clip | 3' - 11" | End clip | 4' - 0" | End clip |
| 90.00 | 3' - 6" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 95.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 100.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 4" | End clip |
| 105.00 | 2' - 11" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 110.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 115.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 120.00 | 2' - 7" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 7" | End Fastener | 5' - 9" | Int Fastener | 5' - 11" | Int Fastener |
| 25.00 | 10' - 1" | End Fastener | 4' - 8" | Int Fastener | 4' - 9" | Int Fastener |
| 30.00 | 8' - 4" | End Fastener | 4' - 0" | Int Fastener | 4' - 0" | Int Fastener |
| 35.00 | 7' - 2" | End Fastener | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 40.00 | 6' - 3" | End Fastener | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 45.00 | 5' - 7" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 50.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 55.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 60.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 65.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 70.00 | 3' - 7" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 75.00 | 3' - 4" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 80.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 85.00 | 2' - 11" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 90.00 | 2' - 9" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 95.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 3" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 115.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 120.00 | 2' - 1" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 17' - 7" | End clip | 10' - 3" | Int Fastener | 10' - 11" | Int Fastener |
| 25.00 | 14' - 1" | End clip | 8' - 4" | Int Fastener | 8' - 10" | Int Fastener |
| 30.00 | 11' - 9" | End clip | 7' - 1" | Int Fastener | 7' - 5" | Int Fastener |
| 35.00 | 10' - 1" | End clip | 6' - 2" | Int Fastener | 6' - 5" | Int Fastener |
| 40.00 | 8' - 7" | End clip | 5' - 6" | Int Fastener | 5' - 7" | Int Fastener |
| 45.00 | 7' - 6" | End clip | 4' - 11" | Int Fastener | 5' - 0" | Int Fastener |
| 50.00 | 6' - 8" | End clip | 4' - 6" | Int Fastener | 4' - 6" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 4' - 1" | Int Fastener | 4' - 2" | Int Fastener |
| 60.00 | 5' - 5" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 65.00 | 4' - 11" | End clip | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 17' - 7" | End clip | 10' - 7" | Int Fastener | 11' - 4" | Int Fastener |
| 25.00 | 14' - 1" | End clip | 8' - 8" | Int Fastener | 9' - 1" | Int Fastener |
| 30.00 | 11' - 9" | End clip | 7' - 4" | Int Fastener | 7' - 8" | Int Fastener |
| 35.00 | 10' - 1" | End clip | 6' - 4" | Int Fastener | 6' - 7" | Int Fastener |
| 40.00 | 8' - 7" | End clip | 5' - 8" | Int Fastener | 5' - 10" | Int Fastener |
| 45.00 | 7' - 6" | End clip | 5' - 1" | Int Fastener | 5' - 2" | Int Fastener |
| 50.00 | 6' - 8" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 4' - 3" | Int Fastener | 4' - 3" | Int Fastener |
| 60.00 | 5' - 5" | End clip | 3' - 11" | Int Fastener | 3' - 11" | Int Fastener |
| 65.00 | 4' - 11" | End clip | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 17' - 7" | End clip | 14' - 10" | Int Fastener | 16' - 3" | Int Fastener |
| 25.00 | 14' - 1" | End clip | 12' - 1" | Int Fastener | 13' - 1" | Int Fastener |
| 30.00 | 11' - 9" | End clip | 10' - 2" | Int Fastener | 10' - 11" | Int Fastener |
| 35.00 | 10' - 1" | End clip | 8' - 10" | Int Fastener | 9' - 5" | Int Fastener |
| 40.00 | 8' - 7" | End clip | 7' - 10" | Int Fastener | 8' - 3" | Int Fastener |
| 45.00 | 7' - 6" | End clip | 7' - 1" | Int Fastener | 7' - 4" | Int Fastener |
| 50.00 | 6' - 8" | End clip | 6' - 5" | Int Fastener | 6' - 8" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 5' - 11" | Int Fastener | 6' - 1" | Int Fastener |
| 60.00 | 5' - 5" | End clip | 5' - 6" | Int Fastener | 5' - 7" | Int Fastener |
| 65.00 | 4' - 11" | End clip | 5' - 1" | Int Fastener | 5' - 2" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 4' - 9" | Int Fastener | 4' - 10" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 4' - 2" | End clip | 4' - 3" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 3' - 11" | End clip | 4' - 0" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 95.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 100.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 4" | End clip |
| 105.00 | 2' - 11" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 110.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 115.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 120.00 | 2' - 7" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 17' - 7" | End clip | 9' - 9" | Int Fastener | 10' - 4" | Int Fastener |
| 25.00 | 14' - 1" | End clip | 7' - 11" | Int Fastener | 8' - 4" | Int Fastener |
| 30.00 | 11' - 9" | End clip | 6' - 9" | Int Fastener | 7' - 0" | Int Fastener |
| 35.00 | 10' - 1" | End clip | 5' - 10" | Int Fastener | 6' - 0" | Int Fastener |
| 40.00 | 8' - 7" | End clip | 5' - 2" | Int Fastener | 5' - 4" | Int Fastener |
| 45.00 | 7' - 6" | End clip | 4' - 8" | Int Fastener | 4' - 9" | Int Fastener |
| 50.00 | 6' - 8" | End clip | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 3' - 11" | Int Fastener | 3' - 11" | Int Fastener |
| 60.00 | 5' - 5" | End clip | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 65.00 | 4' - 11" | End clip | 3' - 4" | Int Fastener | 3' - 4" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 16' - 5" | End Fastener | 7' - 4" | Int Fastener | 7' - 8" | Int Fastener |
| 25.00 | 13' - 1" | End Fastener | 6' - 0" | Int Fastener | 6' - 2" | Int Fastener |
| 30.00 | 10' - 11" | End Fastener | 5' - 1" | Int Fastener | 5' - 2" | Int Fastener |
| 35.00 | 9' - 4" | End Fastener | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 40.00 | 8' - 2" | End Fastener | 3' - 11" | Int Fastener | 3' - 11" | Int Fastener |
| 45.00 | 7' - 3" | End Fastener | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 50.00 | 6' - 7" | End Fastener | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 55.00 | 5' - 11" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 60.00 | 5' - 5" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 65.00 | 4' - 11" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 70.00 | 4' - 7" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 75.00 | 4' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 80.00 | 3' - 11" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 3' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 90.00 | 3' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 95.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 3' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 2' - 11" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 110.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 115.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = $2.95x10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 11' - 4" | End Fastener | 5' - 3" | Int Fastener | 5' - 4" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 70.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 10" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 3" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 105.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = $2.95x10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 4" | Int Fastener | 3' - 4" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = $2.95x10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.76 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 8" | End clip | 14' - 9" | Int Fastener | 16' - 2" | Int Fastener |
| 25.00 | 11' - 9" | End clip | 12' - 0" | Int Fastener | 13' - 0" | Int Fastener |
| 30.00 | 9' - 9" | End clip | 10' - 2" | Int Fastener | 10' - 10" | Int Fastener |
| 35.00 | 8' - 1" | End clip | 8' - 10" | Int Fastener | 9' - 4" | Int Fastener |
| 40.00 | 6' - 11" | End clip | 7' - 10" | Int Fastener | 8' - 3" | Int Fastener |
| 45.00 | 6' - 1" | End clip | 6' - 11" | End clip | 7' - 2" | End clip |
| 50.00 | 5' - 5" | End clip | 6' - 0" | End clip | 6' - 3" | End clip |
| 55.00 | 4' - 10" | End clip | 5' - 4" | End clip | 5' - 7" | End clip |
| 60.00 | 4' - 5" | End clip | 4' - 9" | End clip | 5' - 0" | End clip |
| 65.00 | 4' - 1" | End clip | 4' - 4" | End clip | 4' - 6" | End clip |
| 70.00 | 3' - 9" | End clip | 3' - 11" | End clip | 4' - 1" | End clip |
| 75.00 | 3' - 6" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 80.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 85.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 90.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 100.00 | 2' - 7" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 6" | End clip |
| 110.00 | 2' - 4" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 3" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 2" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 6" | End Fastener | 4' - 11" | Int Fastener | 5' - 0" | Int Fastener |
| 25.00 | 8' - 4" | End Fastener | 4' - 0" | Int Fastener | 4' - 0" | Int Fastener |
| 30.00 | 7' - 0" | End Fastener | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 35.00 | 6' - 0" | End Fastener | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 40.00 | 5' - 3" | End Fastener | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 45.00 | 4' - 8" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 55.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 60.00 | 3' - 6" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 65.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 9" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 80.00 | 2' - 7" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 85.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 2' - 1" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 105.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 8" | End clip | 8' - 8" | Int Fastener | 9' - 2" | Int Fastener |
| 25.00 | 11' - 9" | End clip | 7' - 1" | Int Fastener | 7' - 5" | Int Fastener |
| 30.00 | 9' - 9" | End clip | 6' - 0" | Int Fastener | 6' - 3" | Int Fastener |
| 35.00 | 8' - 1" | End clip | 5' - 3" | Int Fastener | 5' - 4" | Int Fastener |
| 40.00 | 6' - 11" | End clip | 4' - 8" | Int Fastener | 4' - 9" | Int Fastener |
| 45.00 | 6' - 1" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 50.00 | 5' - 5" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 55.00 | 4' - 10" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 8" | End clip | 8' - 11" | Int Fastener | 9' - 6" | Int Fastener |
| 25.00 | 11' - 9" | End clip | 7' - 4" | Int Fastener | 7' - 8" | Int Fastener |
| 30.00 | 9' - 9" | End clip | 6' - 3" | Int Fastener | 6' - 5" | Int Fastener |
| 35.00 | 8' - 1" | End clip | 5' - 5" | Int Fastener | 5' - 6" | Int Fastener |
| 40.00 | 6' - 11" | End clip | 4' - 9" | Int Fastener | 4' - 10" | Int Fastener |
| 45.00 | 6' - 1" | End clip | 4' - 4" | Int Fastener | 4' - 4" | Int Fastener |
| 50.00 | 5' - 5" | End clip | 3' - 11" | Int Fastener | 3' - 11" | Int Fastener |
| 55.00 | 4' - 10" | End clip | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = $2.95x10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 8" | End clip | 12' - 6" | Int Fastener | 13' - 7" | Int Fastener |
| 25.00 | 11' - 9" | End clip | 10' - 2" | Int Fastener | 10' - 11" | Int Fastener |
| 30.00 | 9' - 9" | End clip | 8' - 8" | Int Fastener | 9' - 2" | Int Fastener |
| 35.00 | 8' - 1" | End clip | 7' - 6" | Int Fastener | 7' - 11" | Int Fastener |
| 40.00 | 6' - 11" | End clip | 6' - 8" | Int Fastener | 6' - 11" | Int Fastener |
| 45.00 | 6' - 1" | End clip | 6' - 0" | Int Fastener | 6' - 2" | Int Fastener |
| 50.00 | 5' - 5" | End clip | 5' - 6" | Int Fastener | 5' - 7" | Int Fastener |
| 55.00 | 4' - 10" | End clip | 5' - 0" | Int Fastener | 5' - 1" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 4' - 4" | Int Fastener | 4' - 4" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 3' - 11" | End clip | 4' - 1" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 80.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 85.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 90.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 100.00 | 2' - 7" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 6" | End clip |
| 110.00 | 2' - 4" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 3" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 2" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 14' - 8" | End clip | 8' - 3" | Int Fastener | 8' - 8" | Int Fastener |
| 25.00 | 11' - 9" | End clip | 6' - 9" | Int Fastener | 7' - 0" | Int Fastener |
| 30.00 | 9' - 9" | End clip | 5' - 9" | Int Fastener | 5' - 11" | Int Fastener |
| 35.00 | 8' - 1" | End clip | 5' - 0" | Int Fastener | 5' - 1" | Int Fastener |
| 40.00 | 6' - 11" | End clip | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 45.00 | 6' - 1" | End clip | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 50.00 | 5' - 5" | End clip | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 55.00 | 4' - 10" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 4" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 6" | Int Fastener | 1' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 8" | End Fastener | 6' - 3" | Int Fastener | 6' - 5" | Int Fastener |
| 25.00 | 10' - 11" | End Fastener | 5' - 1" | Int Fastener | 5' - 2" | Int Fastener |
| 30.00 | 9' - 1" | End Fastener | 4' - 4" | Int Fastener | 4' - 4" | Int Fastener |
| 35.00 | 7' - 10" | End Fastener | 3' - 9" | Int Fastener | 3' - 9" | Int Fastener |
| 40.00 | 6' - 10" | End Fastener | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 45.00 | 6' - 1" | End Fastener | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 5' - 5" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 55.00 | 4' - 10" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 4' - 5" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 65.00 | 4' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 70.00 | 3' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 3' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 80.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 3' - 0" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 110.00 | 2' - 4" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 65.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 1" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 95.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 7" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = $2.95x10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 2.8277 $in^4$/Ft  $S_{bf}$ = 1.4139 $in^3$/Ft  $S_{bl}$ = 1.4139 $in^3$/Ft

$A_c$ = 47.28 $in^2$/Ft  $G_c$ = 611 psi  E = 2.95x$10^7$ psi

$F_b$ = 20195 LB w/Safety Factor = 1.875  $F_v$ = 19.7 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 3.70 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on February 13, 2019 by CJSmith1.

## Appendix B Versawall Panel with 26 GA Steel Exterior and Interior Skins Load/Span Analysis Results

**Applicability: Versawall Insulated Metal Wall Panels**

- 2” Panel Thickness
  - 30” or 36” Panel Width
  - 26 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
- 2.75” Panel Thickness
  - 30” or 36” Panel Width
  - 26 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
- 4” Panel Thickness
  - 30” or 36” Panel Width
  - 26 GA Steel Exterior and Interior Skins
  - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core

**Panel Supports: The following panel supports are covered in the Load/Span Tables**

- 3/16” Steel Supports
- 1/4" Steel Supports
- 12, 14, 16 & 18 GA Steel Supports
- 1/8” Aluminum Supports
- 3/16’ Aluminum Supports

**Panel to Supports Fasteners:**

- 1/4-inch diameter, 300 series stainless steel or CENTRIA approved.
- See installation drawings for further details

**Installation Drawings:**

- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 2” Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.
- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 2.75” Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.
- Centria Installation Instructions. Versawall Insulated Metal Wall Panels – 4” Panel Thickness, Original Issue, dated 2/21/19, Signed and Sealed by Robert J. Amoruso, P.E.

**Certificate of Independence per Product Approval Rule 61G20-3.009**

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.
PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.

Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 13' - 3" | Bending | 12' - 10" | Deflection |
| 25.00 | 9' - 10" | Deflection | 12' - 0" | Bending | 11' - 7" | Deflection |
| 30.00 | 8' - 11" | End clip | 11' - 0" | Deflection | 10' - 7" | Deflection |
| 35.00 | 7' - 4" | End clip | 10' - 0" | Int Fastener | 9' - 7" | End clip |
| 40.00 | 6' - 2" | End clip | 8' - 2" | End clip | 7' - 11" | End clip |
| 45.00 | 5' - 4" | End clip | 6' - 11" | End clip | 6' - 9" | End clip |
| 50.00 | 4' - 9" | End clip | 5' - 11" | End clip | 5' - 11" | End clip |
| 55.00 | 4' - 3" | End clip | 5' - 2" | End clip | 5' - 2" | End clip |
| 60.00 | 3' - 10" | End clip | 4' - 6" | End clip | 4' - 8" | End clip |
| 65.00 | 3' - 6" | End clip | 4' - 1" | End clip | 4' - 2" | End clip |
| 70.00 | 3' - 3" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 75.00 | 3' - 0" | End clip | 3' - 4" | End clip | 3' - 6" | End clip |
| 80.00 | 2' - 9" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 85.00 | 2' - 7" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 90.00 | 2' - 5" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 95.00 | 2' - 4" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 100.00 | 2' - 2" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 105.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |
| 110.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 115.00 | 1' - 10" | End clip | 2' - 0" | End clip | 2' - 0" | End clip |
| 120.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 5' - 5" | Int Fastener | 5' - 10" | Int Fastener |
| 25.00 | 9' - 10" | Deflection | 4' - 5" | Int Fastener | 4' - 8" | Int Fastener |
| 30.00 | 8' - 4" | End Fastener | 3' - 9" | Int Fastener | 3' - 11" | Int Fastener |
| 35.00 | 7' - 2" | End Fastener | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 45.00 | 5' - 4" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 50.00 | 4' - 9" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 55.00 | 4' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 60.00 | 3' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 65.00 | 3' - 6" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 1' - 7" | Int Fastener | 1' - 8" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 120.00 | 1' - 10" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 9' - 9" | Int Fastener | 10' - 10" | Int Fastener |
| 25.00 | 9' - 10" | Deflection | 7' - 11" | Int Fastener | 8' - 8" | Int Fastener |
| 30.00 | 8' - 11" | End clip | 6' - 8" | Int Fastener | 7' - 3" | Int Fastener |
| 35.00 | 7' - 4" | End clip | 5' - 10" | Int Fastener | 6' - 3" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 5' - 2" | Int Fastener | 5' - 6" | Int Fastener |
| 45.00 | 5' - 4" | End clip | 4' - 7" | Int Fastener | 4' - 11" | Int Fastener |
| 50.00 | 4' - 9" | End clip | 4' - 2" | Int Fastener | 4' - 5" | Int Fastener |
| 55.00 | 4' - 3" | End clip | 3' - 10" | Int Fastener | 4' - 0" | Int Fastener |
| 60.00 | 3' - 10" | End clip | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 65.00 | 3' - 6" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 2' - 0" | End clip | 2' - 0" | Int Fastener |
| 120.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 10' - 1" | Int Fastener | 11' - 3" | Int Fastener |
| 25.00 | 9' - 10" | Deflection | 8' - 2" | Int Fastener | 9' - 0" | Int Fastener |
| 30.00 | 8' - 11" | End clip | 6' - 11" | Int Fastener | 7' - 6" | Int Fastener |
| 35.00 | 7' - 4" | End clip | 6' - 0" | Int Fastener | 6' - 6" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 5' - 4" | Int Fastener | 5' - 8" | Int Fastener |
| 45.00 | 5' - 4" | End clip | 4' - 9" | Int Fastener | 5' - 1" | Int Fastener |
| 50.00 | 4' - 9" | End clip | 4' - 4" | Int Fastener | 4' - 7" | Int Fastener |
| 55.00 | 4' - 3" | End clip | 4' - 0" | Int Fastener | 4' - 2" | Int Fastener |
| 60.00 | 3' - 10" | End clip | 3' - 8" | Int Fastener | 3' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End clip | 3' - 5" | Int Fastener | 3' - 7" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 3' - 2" | Int Fastener | 3' - 4" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 115.00 | 1' - 10" | End clip | 2' - 0" | End clip | 2' - 0" | End clip |
| 120.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 13' - 3" | Bending | 12' - 10" | Deflection |
| 25.00 | 9' - 10" | Deflection | 11' - 7" | Int Fastener | 11' - 7" | Deflection |
| 30.00 | 8' - 11" | End clip | 9' - 9" | Int Fastener | 10' - 7" | Deflection |
| 35.00 | 7' - 4" | End clip | 8' - 5" | Int Fastener | 9' - 3" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 7' - 5" | Int Fastener | 7' - 11" | End clip |
| 45.00 | 5' - 4" | End clip | 6' - 8" | Int Fastener | 6' - 9" | End clip |
| 50.00 | 4' - 9" | End clip | 5' - 11" | End clip | 5' - 11" | End clip |
| 55.00 | 4' - 3" | End clip | 5' - 2" | End clip | 5' - 2" | End clip |
| 60.00 | 3' - 10" | End clip | 4' - 6" | End clip | 4' - 8" | End clip |
| 65.00 | 3' - 6" | End clip | 4' - 1" | End clip | 4' - 2" | End clip |
| 70.00 | 3' - 3" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 75.00 | 3' - 0" | End clip | 3' - 4" | End clip | 3' - 6" | End clip |
| 80.00 | 2' - 9" | End clip | 3' - 1" | End clip | 3' - 2" | End clip |
| 85.00 | 2' - 7" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 90.00 | 2' - 5" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 95.00 | 2' - 4" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 100.00 | 2' - 2" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 105.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |
| 110.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 115.00 | 1' - 10" | End clip | 2' - 0" | End clip | 2' - 0" | End clip |
| 120.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 9' - 3" | Int Fastener | 10' - 3" | Int Fastener |
| 25.00 | 9' - 10" | Deflection | 7' - 6" | Int Fastener | 8' - 3" | Int Fastener |
| 30.00 | 8' - 11" | End clip | 6' - 4" | Int Fastener | 6' - 10" | Int Fastener |
| 35.00 | 7' - 4" | End clip | 5' - 6" | Int Fastener | 5' - 11" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 4' - 11" | Int Fastener | 5' - 2" | Int Fastener |
| 45.00 | 5' - 4" | End clip | 4' - 5" | Int Fastener | 4' - 8" | Int Fastener |
| 50.00 | 4' - 9" | End clip | 4' - 0" | Int Fastener | 4' - 2" | Int Fastener |
| 55.00 | 4' - 3" | End clip | 3' - 8" | Int Fastener | 3' - 10" | Int Fastener |
| 60.00 | 3' - 10" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 65.00 | 3' - 6" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 1' - 11" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 10" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 1' - 10" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 6' - 11" | Int Fastener | 7' - 6" | Int Fastener |
| 25.00 | 9' - 10" | Deflection | 5' - 8" | Int Fastener | 6' - 1" | Int Fastener |
| 30.00 | 8' - 11" | End clip | 4' - 9" | Int Fastener | 5' - 1" | Int Fastener |
| 35.00 | 7' - 4" | End clip | 4' - 2" | Int Fastener | 4' - 4" | Int Fastener |
| 40.00 | 6' - 2" | End clip | 3' - 8" | Int Fastener | 3' - 10" | Int Fastener |
| 45.00 | 5' - 4" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 50.00 | 4' - 9" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 55.00 | 4' - 3" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 60.00 | 3' - 10" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 65.00 | 3' - 6" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 1' - 11" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 1' - 10" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 4' - 11" | Int Fastener | 5' - 3" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 0" | Int Fastener | 4' - 3" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 5" | Int Fastener | 3' - 7" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 70.00 | 3' - 3" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 9" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 5" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 4" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 2" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 105.00 | 2' - 1" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 0" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 10" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = $2.95x10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.15 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 13' - 3" | Bending | 12' - 10" | Deflection |
| 25.00 | 8' - 11" | End clip | 11' - 7" | Int Fastener | 11' - 4" | End clip |
| 30.00 | 7' - 1" | End clip | 9' - 8" | End clip | 9' - 2" | End clip |
| 35.00 | 5' - 10" | End clip | 7' - 7" | End clip | 7' - 5" | End clip |
| 40.00 | 4' - 11" | End clip | 6' - 3" | End clip | 6' - 3" | End clip |
| 45.00 | 4' - 4" | End clip | 5' - 3" | End clip | 5' - 4" | End clip |
| 50.00 | 3' - 10" | End clip | 4' - 6" | End clip | 4' - 8" | End clip |
| 55.00 | 3' - 5" | End clip | 4' - 0" | End clip | 4' - 1" | End clip |
| 60.00 | 3' - 1" | End clip | 3' - 6" | End clip | 3' - 8" | End clip |
| 65.00 | 2' - 10" | End clip | 3' - 2" | End clip | 3' - 4" | End clip |
| 70.00 | 2' - 7" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 75.00 | 2' - 5" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 80.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 85.00 | 2' - 1" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 90.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 95.00 | 1' - 11" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |
| 100.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |
| 105.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | End clip |
| 110.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 9" | End clip |
| 115.00 | 1' - 7" | End clip | 1' - 7" | End clip | 1' - 8" | End clip |
| 120.00 | 1' - 6" | End clip | 1' - 7" | End clip | 1' - 7" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 6" | End Fastener | 4' - 7" | Int Fastener | 4' - 10" | Int Fastener |
| 25.00 | 8' - 4" | End Fastener | 3' - 9" | Int Fastener | 3' - 11" | Int Fastener |
| 30.00 | 7' - 0" | End Fastener | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 40.00 | 4' - 11" | End clip | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 45.00 | 4' - 4" | End clip | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 3' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 1' - 5" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 1' - 2" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 1' - 10" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 105.00 | 1' - 9" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 8" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 7" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 6" | End clip | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 8' - 3" | Int Fastener | 9' - 1" | Int Fastener |
| 25.00 | 8' - 11" | End clip | 6' - 8" | Int Fastener | 7' - 3" | Int Fastener |
| 30.00 | 7' - 1" | End clip | 5' - 8" | Int Fastener | 6' - 1" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 4' - 11" | Int Fastener | 5' - 3" | Int Fastener |
| 40.00 | 4' - 11" | End clip | 4' - 4" | Int Fastener | 4' - 7" | Int Fastener |
| 45.00 | 4' - 4" | End clip | 3' - 11" | Int Fastener | 4' - 1" | Int Fastener |
| 50.00 | 3' - 10" | End clip | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 3' - 3" | Int Fastener | 3' - 5" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 2' - 0" | End clip | 2' - 0" | Int Fastener |
| 100.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | Int Fastener |
| 105.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | Int Fastener |
| 110.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 9" | End clip |
| 115.00 | 1' - 7" | End clip | 1' - 7" | End clip | 1' - 8" | End clip |
| 120.00 | 1' - 6" | End clip | 1' - 7" | End clip | 1' - 7" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 8' - 6" | Int Fastener | 9' - 4" | Int Fastener |
| 25.00 | 8' - 11" | End clip | 6' - 11" | Int Fastener | 7' - 6" | Int Fastener |
| 30.00 | 7' - 1" | End clip | 5' - 10" | Int Fastener | 6' - 3" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 5' - 1" | Int Fastener | 5' - 5" | Int Fastener |
| 40.00 | 4' - 11" | End clip | 4' - 6" | Int Fastener | 4' - 9" | Int Fastener |
| 45.00 | 4' - 4" | End clip | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 50.00 | 3' - 10" | End clip | 3' - 8" | Int Fastener | 3' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 3' - 1" | Int Fastener | 3' - 3" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 2' - 3" | End clip | 2' - 4" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |
| 100.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |
| 105.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | End clip |
| 110.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 9" | End clip |
| 115.00 | 1' - 7" | End clip | 1' - 7" | End clip | 1' - 8" | End clip |
| 120.00 | 1' - 6" | End clip | 1' - 7" | End clip | 1' - 7" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 12' - 1" | Int Fastener | 12' - 10" | Deflection |
| 25.00 | 8' - 11" | End clip | 9' - 9" | Int Fastener | 10' - 10" | Int Fastener |
| 30.00 | 7' - 1" | End clip | 8' - 2" | Int Fastener | 9' - 0" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 7' - 1" | Int Fastener | 7' - 5" | End clip |
| 40.00 | 4' - 11" | End clip | 6' - 3" | End clip | 6' - 3" | End clip |
| 45.00 | 4' - 4" | End clip | 5' - 3" | End clip | 5' - 4" | End clip |
| 50.00 | 3' - 10" | End clip | 4' - 6" | End clip | 4' - 8" | End clip |
| 55.00 | 3' - 5" | End clip | 4' - 0" | End clip | 4' - 1" | End clip |
| 60.00 | 3' - 1" | End clip | 3' - 6" | End clip | 3' - 8" | End clip |
| 65.00 | 2' - 10" | End clip | 3' - 2" | End clip | 3' - 4" | End clip |
| 70.00 | 2' - 7" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 75.00 | 2' - 5" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 80.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 85.00 | 2' - 1" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 90.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 95.00 | 1' - 11" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |
| 100.00 | 1' - 10" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |
| 105.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | End clip |
| 110.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 9" | End clip |
| 115.00 | 1' - 7" | End clip | 1' - 7" | End clip | 1' - 8" | End clip |
| 120.00 | 1' - 6" | End clip | 1' - 7" | End clip | 1' - 7" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 7' - 10" | Int Fastener | 8' - 7" | Int Fastener |
| 25.00 | 8' - 11" | End clip | 6' - 4" | Int Fastener | 6' - 10" | Int Fastener |
| 30.00 | 7' - 1" | End clip | 5' - 4" | Int Fastener | 5' - 9" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 4' - 8" | Int Fastener | 4' - 11" | Int Fastener |
| 40.00 | 4' - 11" | End clip | 4' - 2" | Int Fastener | 4' - 4" | Int Fastener |
| 45.00 | 4' - 4" | End clip | 3' - 9" | Int Fastener | 3' - 11" | Int Fastener |
| 50.00 | 3' - 10" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 1' - 10" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 1' - 9" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 1' - 8" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 1' - 7" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 1' - 6" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 10" | Deflection | 5' - 10" | Int Fastener | 6' - 4" | Int Fastener |
| 25.00 | 8' - 11" | End clip | 4' - 9" | Int Fastener | 5' - 1" | Int Fastener |
| 30.00 | 7' - 1" | End clip | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 35.00 | 5' - 10" | End clip | 3' - 6" | Int Fastener | 3' - 8" | Int Fastener |
| 40.00 | 4' - 11" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 45.00 | 4' - 4" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 3' - 10" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 1' - 10" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 1' - 10" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 1' - 9" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 110.00 | 1' - 8" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 1' - 7" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 1' - 6" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = 2.95x$10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 2" | Int Fastener | 4' - 5" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 5" | Int Fastener | 3' - 7" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 1" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 65.00 | 2' - 10" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 7" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 5" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 3" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 1" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 0" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 95.00 | 1' - 11" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 10" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 9" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 8" | End clip | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 7" | End clip | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 6" | End clip | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = $2.95x10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.4220 $in^4$/Ft  $S_{bf}$ = 0.4220 $in^3$/Ft  $S_{bl}$ = 0.4220 $in^3$/Ft

$A_c$ = 23.57 $in^2$/Ft  $G_c$ = 658 psi  E = $2.95x10^7$ psi

$F_b$ = 21365 LB w/Safety Factor = 1.875  $F_v$ = 25.6 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.12 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 15' - 8" | Bending | 15' - 5" | End clip |
| 25.00 | 10' - 0" | End clip | 12' - 9" | End clip | 12' - 3" | End clip |
| 30.00 | 8' - 4" | End clip | 10' - 5" | End clip | 10' - 2" | End clip |
| 35.00 | 7' - 2" | End clip | 8' - 9" | End clip | 8' - 8" | End clip |
| 40.00 | 6' - 3" | End clip | 7' - 7" | End clip | 7' - 6" | End clip |
| 45.00 | 5' - 7" | End clip | 6' - 7" | End clip | 6' - 7" | End clip |
| 50.00 | 5' - 0" | End clip | 5' - 10" | End clip | 5' - 11" | End clip |
| 55.00 | 4' - 6" | End clip | 5' - 3" | End clip | 5' - 4" | End clip |
| 60.00 | 4' - 2" | End clip | 4' - 9" | End clip | 4' - 10" | End clip |
| 65.00 | 3' - 10" | End clip | 4' - 4" | End clip | 4' - 5" | End clip |
| 70.00 | 3' - 7" | End clip | 3' - 11" | End clip | 4' - 1" | End clip |
| 75.00 | 3' - 4" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 80.00 | 3' - 1" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 85.00 | 2' - 11" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 90.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 100.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 110.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 5' - 6" | Int Fastener | 5' - 10" | Int Fastener |
| 25.00 | 10' - 0" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 30.00 | 8' - 4" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 35.00 | 7' - 2" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 45.00 | 5' - 7" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 50.00 | 5' - 0" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 55.00 | 4' - 6" | End clip | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 60.00 | 4' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 65.00 | 3' - 10" | End clip | 1' - 10" | Int Fastener | 1' - 11" | Int Fastener |
| 70.00 | 3' - 7" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 75.00 | 3' - 4" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 80.00 | 3' - 1" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 85.00 | 2' - 11" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 90.00 | 2' - 9" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 9' - 11" | Int Fastener | 10' - 10" | Int Fastener |
| 25.00 | 10' - 0" | End clip | 8' - 1" | Int Fastener | 8' - 9" | Int Fastener |
| 30.00 | 8' - 4" | End clip | 6' - 10" | Int Fastener | 7' - 4" | Int Fastener |
| 35.00 | 7' - 2" | End clip | 5' - 11" | Int Fastener | 6' - 3" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 3" | Int Fastener | 5' - 6" | Int Fastener |
| 45.00 | 5' - 7" | End clip | 4' - 9" | Int Fastener | 4' - 11" | Int Fastener |
| 50.00 | 5' - 0" | End clip | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 55.00 | 4' - 6" | End clip | 3' - 11" | Int Fastener | 4' - 1" | Int Fastener |
| 60.00 | 4' - 2" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 65.00 | 3' - 10" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 70.00 | 3' - 7" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 75.00 | 3' - 4" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 80.00 | 3' - 1" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 85.00 | 2' - 11" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 90.00 | 2' - 9" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 2' - 3" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 10' - 3" | Int Fastener | 11' - 3" | Int Fastener |
| 25.00 | 10' - 0" | End clip | 8' - 4" | Int Fastener | 9' - 0" | Int Fastener |
| 30.00 | 8' - 4" | End clip | 7' - 0" | Int Fastener | 7' - 7" | Int Fastener |
| 35.00 | 7' - 2" | End clip | 6' - 1" | Int Fastener | 6' - 6" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 5" | Int Fastener | 5' - 8" | Int Fastener |
| 45.00 | 5' - 7" | End clip | 4' - 10" | Int Fastener | 5' - 1" | Int Fastener |
| 50.00 | 5' - 0" | End clip | 4' - 5" | Int Fastener | 4' - 7" | Int Fastener |
| 55.00 | 4' - 6" | End clip | 4' - 1" | Int Fastener | 4' - 2" | Int Fastener |
| 60.00 | 4' - 2" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 65.00 | 3' - 10" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 70.00 | 3' - 7" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 75.00 | 3' - 4" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 80.00 | 3' - 1" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 85.00 | 2' - 11" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 90.00 | 2' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 15' - 8" | Bending | 15' - 5" | End clip |
| 25.00 | 10' - 0" | End clip | 12' - 9" | End clip | 12' - 3" | End clip |
| 30.00 | 8' - 4" | End clip | 10' - 5" | End clip | 10' - 2" | End clip |
| 35.00 | 7' - 2" | End clip | 8' - 9" | End clip | 8' - 8" | End clip |
| 40.00 | 6' - 3" | End clip | 7' - 7" | End clip | 7' - 6" | End clip |
| 45.00 | 5' - 7" | End clip | 6' - 7" | End clip | 6' - 7" | End clip |
| 50.00 | 5' - 0" | End clip | 5' - 10" | End clip | 5' - 11" | End clip |
| 55.00 | 4' - 6" | End clip | 5' - 3" | End clip | 5' - 4" | End clip |
| 60.00 | 4' - 2" | End clip | 4' - 9" | End clip | 4' - 10" | End clip |
| 65.00 | 3' - 10" | End clip | 4' - 4" | End clip | 4' - 5" | End clip |
| 70.00 | 3' - 7" | End clip | 3' - 11" | End clip | 4' - 1" | End clip |
| 75.00 | 3' - 4" | End clip | 3' - 8" | End clip | 3' - 9" | End clip |
| 80.00 | 3' - 1" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 85.00 | 2' - 11" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 90.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 95.00 | 2' - 8" | End clip | 2' - 10" | End clip | 2' - 11" | End clip |
| 100.00 | 2' - 6" | End clip | 2' - 8" | End clip | 2' - 9" | End clip |
| 105.00 | 2' - 5" | End clip | 2' - 6" | End clip | 2' - 7" | End clip |
| 110.00 | 2' - 3" | End clip | 2' - 5" | End clip | 2' - 5" | End clip |
| 115.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 120.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 2.5  Interior Fastening = 2660 LB w/Safety Factor = 2.5

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 9' - 5" | Int Fastener | 10' - 3" | Int Fastener |
| 25.00 | 10' - 0" | End clip | 7' - 8" | Int Fastener | 8' - 3" | Int Fastener |
| 30.00 | 8' - 4" | End clip | 6' - 6" | Int Fastener | 6' - 11" | Int Fastener |
| 35.00 | 7' - 2" | End clip | 5' - 7" | Int Fastener | 5' - 11" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 0" | Int Fastener | 5' - 3" | Int Fastener |
| 45.00 | 5' - 7" | End clip | 4' - 6" | Int Fastener | 4' - 8" | Int Fastener |
| 50.00 | 5' - 0" | End clip | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 55.00 | 4' - 6" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 60.00 | 4' - 2" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 65.00 | 3' - 10" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 70.00 | 3' - 7" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 75.00 | 3' - 4" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 80.00 | 3' - 1" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 85.00 | 2' - 11" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 90.00 | 2' - 9" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 6" | End clip | 7' - 0" | Int Fastener | 7' - 7" | Int Fastener |
| 25.00 | 10' - 0" | End clip | 5' - 9" | Int Fastener | 6' - 1" | Int Fastener |
| 30.00 | 8' - 4" | End clip | 4' - 10" | Int Fastener | 5' - 1" | Int Fastener |
| 35.00 | 7' - 2" | End clip | 4' - 3" | Int Fastener | 4' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 45.00 | 5' - 7" | End clip | 3' - 5" | Int Fastener | 3' - 5" | Int Fastener |
| 50.00 | 5' - 0" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 55.00 | 4' - 6" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 60.00 | 4' - 2" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 65.00 | 3' - 10" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 70.00 | 3' - 7" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 75.00 | 3' - 4" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 80.00 | 3' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 2' - 11" | End clip | 1' - 10" | Int Fastener | 1' - 11" | Int Fastener |
| 90.00 | 2' - 9" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 95.00 | 2' - 8" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 2' - 6" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 2' - 5" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 110.00 | 2' - 3" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 115.00 | 2' - 2" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 2' - 1" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 11' - 4" | End Fastener | 5' - 0" | Int Fastener | 5' - 3" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 1" | Int Fastener | 4' - 3" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 70.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 10" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 105.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.34 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 13' - 4" | End clip | 12' - 10" | End clip |
| 25.00 | 8' - 4" | End clip | 10' - 5" | End clip | 10' - 2" | End clip |
| 30.00 | 6' - 11" | End clip | 8' - 6" | End clip | 8' - 5" | End clip |
| 35.00 | 5' - 11" | End clip | 7' - 2" | End clip | 7' - 2" | End clip |
| 40.00 | 5' - 2" | End clip | 6' - 1" | End clip | 6' - 2" | End clip |
| 45.00 | 4' - 7" | End clip | 5' - 4" | End clip | 5' - 5" | End clip |
| 50.00 | 4' - 2" | End clip | 4' - 9" | End clip | 4' - 10" | End clip |
| 55.00 | 3' - 9" | End clip | 4' - 3" | End clip | 4' - 4" | End clip |
| 60.00 | 3' - 6" | End clip | 3' - 10" | End clip | 3' - 11" | End clip |
| 65.00 | 3' - 2" | End clip | 3' - 6" | End clip | 3' - 7" | End clip |
| 70.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 4" | End clip |
| 75.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 80.00 | 2' - 7" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 85.00 | 2' - 5" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 90.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 95.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 100.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |
| 105.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 1" | End clip |
| 110.00 | 1' - 11" | End clip | 1' - 11" | End clip | 2' - 0" | End clip |
| 115.00 | 1' - 10" | End clip | 1' - 10" | End clip | 1' - 11" | End clip |
| 120.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 4' - 8" | Int Fastener | 4' - 11" | Int Fastener |
| 25.00 | 8' - 4" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 30.00 | 6' - 11" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 45.00 | 4' - 7" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 4' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 55.00 | 3' - 9" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 60.00 | 3' - 6" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 65.00 | 3' - 2" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 3' - 0" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 9" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 80.00 | 2' - 7" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 85.00 | 2' - 5" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 4" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 2' - 1" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 105.00 | 2' - 0" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 11" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 9" | End clip | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 8' - 4" | Int Fastener | 9' - 1" | Int Fastener |
| 25.00 | 8' - 4" | End clip | 6' - 10" | Int Fastener | 7' - 4" | Int Fastener |
| 30.00 | 6' - 11" | End clip | 5' - 9" | Int Fastener | 6' - 1" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 5' - 0" | Int Fastener | 5' - 3" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 5" | Int Fastener | 4' - 8" | Int Fastener |
| 45.00 | 4' - 7" | End clip | 4' - 0" | Int Fastener | 4' - 2" | Int Fastener |
| 50.00 | 4' - 2" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 55.00 | 3' - 9" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 60.00 | 3' - 6" | End clip | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 65.00 | 3' - 2" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 70.00 | 3' - 0" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 2' - 9" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 80.00 | 2' - 7" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 2' - 5" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 4" | End clip | 2' - 1" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 100.00 | 2' - 1" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 105.00 | 2' - 0" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 110.00 | 1' - 11" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 120.00 | 1' - 9" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 8' - 7" | Int Fastener | 9' - 5" | Int Fastener |
| 25.00 | 8' - 4" | End clip | 7' - 0" | Int Fastener | 7' - 7" | Int Fastener |
| 30.00 | 6' - 11" | End clip | 5' - 11" | Int Fastener | 6' - 4" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 5' - 2" | Int Fastener | 5' - 5" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 7" | Int Fastener | 4' - 9" | Int Fastener |
| 45.00 | 4' - 7" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 50.00 | 4' - 2" | End clip | 3' - 9" | Int Fastener | 3' - 10" | Int Fastener |
| 55.00 | 3' - 9" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 60.00 | 3' - 6" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 65.00 | 3' - 2" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 70.00 | 3' - 0" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 75.00 | 2' - 9" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 2' - 7" | End clip | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 85.00 | 2' - 5" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 90.00 | 2' - 4" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 2" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 105.00 | 2' - 0" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 110.00 | 1' - 11" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 120.00 | 1' - 9" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 12' - 2" | Int Fastener | 12' - 10" | End clip |
| 25.00 | 8' - 4" | End clip | 9' - 10" | Int Fastener | 10' - 2" | End clip |
| 30.00 | 6' - 11" | End clip | 8' - 4" | Int Fastener | 8' - 5" | End clip |
| 35.00 | 5' - 11" | End clip | 7' - 2" | End clip | 7' - 2" | End clip |
| 40.00 | 5' - 2" | End clip | 6' - 1" | End clip | 6' - 2" | End clip |
| 45.00 | 4' - 7" | End clip | 5' - 4" | End clip | 5' - 5" | End clip |
| 50.00 | 4' - 2" | End clip | 4' - 9" | End clip | 4' - 10" | End clip |
| 55.00 | 3' - 9" | End clip | 4' - 3" | End clip | 4' - 4" | End clip |
| 60.00 | 3' - 6" | End clip | 3' - 10" | End clip | 3' - 11" | End clip |
| 65.00 | 3' - 2" | End clip | 3' - 6" | End clip | 3' - 7" | End clip |
| 70.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 4" | End clip |
| 75.00 | 2' - 9" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 80.00 | 2' - 7" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 85.00 | 2' - 5" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 90.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 95.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 100.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 3" | End clip |
| 105.00 | 2' - 0" | End clip | 2' - 1" | End clip | 2' - 1" | End clip |
| 110.00 | 1' - 11" | End clip | 1' - 11" | End clip | 2' - 0" | End clip |
| 115.00 | 1' - 10" | End clip | 1' - 10" | End clip | 1' - 11" | End clip |
| 120.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 10" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 7' - 11" | Int Fastener | 8' - 7" | Int Fastener |
| 25.00 | 8' - 4" | End clip | 6' - 6" | Int Fastener | 6' - 11" | Int Fastener |
| 30.00 | 6' - 11" | End clip | 5' - 6" | Int Fastener | 5' - 9" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 4' - 9" | Int Fastener | 5' - 0" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 3" | Int Fastener | 4' - 5" | Int Fastener |
| 45.00 | 4' - 7" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 50.00 | 4' - 2" | End clip | 3' - 5" | Int Fastener | 3' - 6" | Int Fastener |
| 55.00 | 3' - 9" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 60.00 | 3' - 6" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 65.00 | 3' - 2" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 70.00 | 3' - 0" | End clip | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 2' - 9" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 2' - 7" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 85.00 | 2' - 5" | End clip | 2' - 1" | Int Fastener | 2' - 2" | Int Fastener |
| 90.00 | 2' - 4" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 95.00 | 2' - 2" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 2' - 1" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 2' - 0" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 1' - 11" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 1' - 9" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 5" | End clip | 6' - 0" | Int Fastener | 6' - 4" | Int Fastener |
| 25.00 | 8' - 4" | End clip | 4' - 10" | Int Fastener | 5' - 1" | Int Fastener |
| 30.00 | 6' - 11" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 3' - 7" | Int Fastener | 3' - 8" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 3' - 2" | Int Fastener | 3' - 3" | Int Fastener |
| 45.00 | 4' - 7" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 4' - 2" | End clip | 2' - 7" | Int Fastener | 2' - 8" | Int Fastener |
| 55.00 | 3' - 9" | End clip | 2' - 4" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 3' - 6" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 65.00 | 3' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 1" | Int Fastener |
| 70.00 | 3' - 0" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 2' - 9" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 80.00 | 2' - 7" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 2' - 5" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 4" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 2' - 2" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 2' - 1" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 2' - 0" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 110.00 | 1' - 11" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 1' - 10" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 1' - 9" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 3" | Int Fastener | 4' - 5" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 2" | End Fastener | 1' - 6" | Int Fastener | 1' - 7" | Int Fastener |
| 65.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 95.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 7" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = 2.95x$10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 0.8017 $in^4$/Ft  $S_{bf}$ = 0.5830 $in^3$/Ft  $S_{bl}$ = 0.5830 $in^3$/Ft

$A_c$ = 32.57 $in^2$/Ft  $G_c$ = 602 psi  E = $2.95x10^7$ psi

$F_b$ = 21606 LB w/Safety Factor = 1.875  $F_v$ = 23.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.30 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 16' - 9" | End clip | 16' - 2" | End clip |
| 25.00 | 10' - 6" | End clip | 13' - 1" | End clip | 12' - 10" | End clip |
| 30.00 | 8' - 7" | End clip | 10' - 8" | End clip | 10' - 7" | End clip |
| 35.00 | 7' - 3" | End clip | 8' - 10" | End clip | 8' - 10" | End clip |
| 40.00 | 6' - 3" | End clip | 7' - 4" | End clip | 7' - 6" | End clip |
| 45.00 | 5' - 6" | End clip | 6' - 4" | End clip | 6' - 6" | End clip |
| 50.00 | 4' - 11" | End clip | 5' - 6" | End clip | 5' - 9" | End clip |
| 55.00 | 4' - 5" | End clip | 4' - 11" | End clip | 5' - 1" | End clip |
| 60.00 | 4' - 1" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 65.00 | 3' - 9" | End clip | 4' - 0" | End clip | 4' - 2" | End clip |
| 70.00 | 3' - 5" | End clip | 3' - 8" | End clip | 3' - 10" | End clip |
| 75.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 80.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 85.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 90.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 95.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 100.00 | 2' - 5" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 105.00 | 2' - 3" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 110.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 3" | End clip |
| 115.00 | 2' - 1" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 120.00 | 2' - 0" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 12' - 7" | End Fastener | 5' - 8" | Int Fastener | 5' - 11" | Int Fastener |
| 25.00 | 10' - 1" | End Fastener | 4' - 8" | Int Fastener | 4' - 9" | Int Fastener |
| 30.00 | 8' - 4" | End Fastener | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 35.00 | 7' - 2" | End Fastener | 3' - 5" | Int Fastener | 3' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 45.00 | 5' - 6" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 50.00 | 4' - 11" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 55.00 | 4' - 5" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 60.00 | 4' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 65.00 | 3' - 9" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 70.00 | 3' - 5" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 75.00 | 3' - 3" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 80.00 | 3' - 0" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 85.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 90.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 95.00 | 2' - 6" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 100.00 | 2' - 5" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 105.00 | 2' - 3" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 110.00 | 2' - 2" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 115.00 | 2' - 1" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 120.00 | 2' - 0" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 10' - 1" | Int Fastener | 10' - 11" | Int Fastener |
| 25.00 | 10' - 6" | End clip | 8' - 3" | Int Fastener | 8' - 9" | Int Fastener |
| 30.00 | 8' - 7" | End clip | 7' - 0" | Int Fastener | 7' - 4" | Int Fastener |
| 35.00 | 7' - 3" | End clip | 6' - 1" | Int Fastener | 6' - 4" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 5" | Int Fastener | 5' - 7" | Int Fastener |
| 45.00 | 5' - 6" | End clip | 4' - 10" | Int Fastener | 5' - 0" | Int Fastener |
| 50.00 | 4' - 11" | End clip | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 55.00 | 4' - 5" | End clip | 4' - 1" | Int Fastener | 4' - 1" | Int Fastener |
| 60.00 | 4' - 1" | End clip | 3' - 9" | Int Fastener | 3' - 9" | Int Fastener |
| 65.00 | 3' - 9" | End clip | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 70.00 | 3' - 5" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 75.00 | 3' - 3" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 80.00 | 3' - 0" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 85.00 | 2' - 10" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 90.00 | 2' - 8" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 95.00 | 2' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 100.00 | 2' - 5" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 105.00 | 2' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 3" | Int Fastener |
| 110.00 | 2' - 2" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 115.00 | 2' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 120.00 | 2' - 0" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 10' - 5" | Int Fastener | 11' - 3" | Int Fastener |
| 25.00 | 10' - 6" | End clip | 8' - 6" | Int Fastener | 9' - 1" | Int Fastener |
| 30.00 | 8' - 7" | End clip | 7' - 3" | Int Fastener | 7' - 7" | Int Fastener |
| 35.00 | 7' - 3" | End clip | 6' - 3" | Int Fastener | 6' - 7" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 7" | Int Fastener | 5' - 9" | Int Fastener |
| 45.00 | 5' - 6" | End clip | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 50.00 | 4' - 11" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 55.00 | 4' - 5" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 60.00 | 4' - 1" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 65.00 | 3' - 9" | End clip | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 70.00 | 3' - 5" | End clip | 3' - 4" | Int Fastener | 3' - 5" | Int Fastener |
| 75.00 | 3' - 3" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 80.00 | 3' - 0" | End clip | 2' - 11" | Int Fastener | 3' - 0" | Int Fastener |
| 85.00 | 2' - 10" | End clip | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 90.00 | 2' - 8" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 95.00 | 2' - 6" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 100.00 | 2' - 5" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 105.00 | 2' - 3" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 110.00 | 2' - 2" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 115.00 | 2' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 120.00 | 2' - 0" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 14' - 8" | Int Fastener | 16' - 2" | End clip |
| 25.00 | 10' - 6" | End clip | 11' - 11" | Int Fastener | 12' - 10" | End clip |
| 30.00 | 8' - 7" | End clip | 10' - 1" | Int Fastener | 10' - 7" | End clip |
| 35.00 | 7' - 3" | End clip | 8' - 9" | Int Fastener | 8' - 10" | End clip |
| 40.00 | 6' - 3" | End clip | 7' - 4" | End clip | 7' - 6" | End clip |
| 45.00 | 5' - 6" | End clip | 6' - 4" | End clip | 6' - 6" | End clip |
| 50.00 | 4' - 11" | End clip | 5' - 6" | End clip | 5' - 9" | End clip |
| 55.00 | 4' - 5" | End clip | 4' - 11" | End clip | 5' - 1" | End clip |
| 60.00 | 4' - 1" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 65.00 | 3' - 9" | End clip | 4' - 0" | End clip | 4' - 2" | End clip |
| 70.00 | 3' - 5" | End clip | 3' - 8" | End clip | 3' - 10" | End clip |
| 75.00 | 3' - 3" | End clip | 3' - 5" | End clip | 3' - 6" | End clip |
| 80.00 | 3' - 0" | End clip | 3' - 2" | End clip | 3' - 3" | End clip |
| 85.00 | 2' - 10" | End clip | 2' - 11" | End clip | 3' - 0" | End clip |
| 90.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 95.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 100.00 | 2' - 5" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 105.00 | 2' - 3" | End clip | 2' - 4" | End clip | 2' - 5" | End clip |
| 110.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 3" | End clip |
| 115.00 | 2' - 1" | End clip | 2' - 1" | End clip | 2' - 2" | End clip |
| 120.00 | 2' - 0" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 9' - 7" | Int Fastener | 10' - 4" | Int Fastener |
| 25.00 | 10' - 6" | End clip | 7' - 10" | Int Fastener | 8' - 4" | Int Fastener |
| 30.00 | 8' - 7" | End clip | 6' - 8" | Int Fastener | 7' - 0" | Int Fastener |
| 35.00 | 7' - 3" | End clip | 5' - 9" | Int Fastener | 6' - 0" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 5' - 1" | Int Fastener | 5' - 3" | Int Fastener |
| 45.00 | 5' - 6" | End clip | 4' - 7" | Int Fastener | 4' - 9" | Int Fastener |
| 50.00 | 4' - 11" | End clip | 4' - 2" | Int Fastener | 4' - 3" | Int Fastener |
| 55.00 | 4' - 5" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 60.00 | 4' - 1" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 65.00 | 3' - 9" | End clip | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 70.00 | 3' - 5" | End clip | 3' - 1" | Int Fastener | 3' - 1" | Int Fastener |
| 75.00 | 3' - 3" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 80.00 | 3' - 0" | End clip | 2' - 8" | Int Fastener | 2' - 9" | Int Fastener |
| 85.00 | 2' - 10" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 90.00 | 2' - 8" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 95.00 | 2' - 6" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 100.00 | 2' - 5" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 105.00 | 2' - 3" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 110.00 | 2' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 115.00 | 2' - 1" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 120.00 | 2' - 0" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 13' - 2" | End clip | 7' - 3" | Int Fastener | 7' - 7" | Int Fastener |
| 25.00 | 10' - 6" | End clip | 5' - 11" | Int Fastener | 6' - 2" | Int Fastener |
| 30.00 | 8' - 7" | End clip | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 35.00 | 7' - 3" | End clip | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 40.00 | 6' - 3" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 45.00 | 5' - 6" | End clip | 3' - 6" | Int Fastener | 3' - 6" | Int Fastener |
| 50.00 | 4' - 11" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 55.00 | 4' - 5" | End clip | 2' - 10" | Int Fastener | 2' - 11" | Int Fastener |
| 60.00 | 4' - 1" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 65.00 | 3' - 9" | End clip | 2' - 5" | Int Fastener | 2' - 6" | Int Fastener |
| 70.00 | 3' - 5" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 75.00 | 3' - 3" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 80.00 | 3' - 0" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 85.00 | 2' - 10" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 90.00 | 2' - 8" | End clip | 1' - 9" | Int Fastener | 1' - 10" | Int Fastener |
| 95.00 | 2' - 6" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 100.00 | 2' - 5" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 105.00 | 2' - 3" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 110.00 | 2' - 2" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 115.00 | 2' - 1" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 120.00 | 2' - 0" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 11' - 4" | End Fastener | 5' - 2" | Int Fastener | 5' - 4" | Int Fastener |
| 25.00 | 9' - 1" | End Fastener | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 30.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 35.00 | 6' - 6" | End Fastener | 3' - 1" | Int Fastener | 3' - 2" | Int Fastener |
| 40.00 | 5' - 8" | End Fastener | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 45.00 | 5' - 0" | End Fastener | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 50.00 | 4' - 6" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 55.00 | 4' - 1" | End Fastener | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 60.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 65.00 | 3' - 6" | End Fastener | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 70.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 75.00 | 3' - 0" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 80.00 | 2' - 10" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 85.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 90.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 95.00 | 2' - 5" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 100.00 | 2' - 3" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 105.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 110.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 115.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 120.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 6' - 11" | End Fastener | 3' - 3" | Int Fastener | 3' - 4" | Int Fastener |
| 25.00 | 5' - 6" | End Fastener | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 30.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 35.00 | 3' - 11" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 40.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 45.00 | 3' - 1" | End Fastener | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 50.00 | 2' - 9" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 55.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 60.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 65.00 | 2' - 2" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 70.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 75.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 80.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 85.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 90.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 95.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 100.00 | 1' - 5" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 105.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 110.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 115.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 120.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.65 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 13' - 9" | End clip | 13' - 5" | End clip |
| 25.00 | 8' - 7" | End clip | 10' - 8" | End clip | 10' - 7" | End clip |
| 30.00 | 7' - 0" | End clip | 8' - 6" | End clip | 8' - 7" | End clip |
| 35.00 | 5' - 11" | End clip | 6' - 11" | End clip | 7' - 1" | End clip |
| 40.00 | 5' - 2" | End clip | 5' - 10" | End clip | 6' - 0" | End clip |
| 45.00 | 4' - 6" | End clip | 5' - 0" | End clip | 5' - 3" | End clip |
| 50.00 | 4' - 1" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 55.00 | 3' - 8" | End clip | 3' - 11" | End clip | 4' - 1" | End clip |
| 60.00 | 3' - 4" | End clip | 3' - 7" | End clip | 3' - 8" | End clip |
| 65.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 4" | End clip |
| 70.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 75.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 80.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 85.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 90.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 95.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 2" | End clip |
| 100.00 | 2' - 0" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |
| 105.00 | 1' - 11" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |
| 110.00 | 1' - 10" | End clip | 1' - 10" | End clip | 1' - 10" | End clip |
| 115.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 9" | End clip |
| 120.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 8" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = $2.95x10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 3179 LB w/Safety Factor = 3  Interior Fastening = 3179 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 1/4" Steel Supports with a single fastener pullout capacity of 3179 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 6" | End Fastener | 4' - 10" | Int Fastener | 4' - 11" | Int Fastener |
| 25.00 | 8' - 4" | End Fastener | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 30.00 | 7' - 0" | End Fastener | 3' - 4" | Int Fastener | 3' - 4" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 2' - 6" | Int Fastener | 2' - 7" | Int Fastener |
| 45.00 | 4' - 6" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 50.00 | 4' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 55.00 | 3' - 8" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 60.00 | 3' - 4" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 65.00 | 3' - 1" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 70.00 | 2' - 10" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 75.00 | 2' - 8" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 80.00 | 2' - 6" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 85.00 | 2' - 4" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 90.00 | 2' - 2" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 95.00 | 2' - 1" | End clip | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 100.00 | 2' - 0" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 105.00 | 1' - 11" | End clip | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 110.00 | 1' - 10" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 115.00 | 1' - 9" | End clip | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 120.00 | 1' - 8" | End clip | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 942 LB w/Safety Factor = 3  Interior Fastening = 942 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 1/8" Aluminum Supports with a single fastener pullout capacity of 942 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 8' - 7" | Int Fastener | 9' - 2" | Int Fastener |
| 25.00 | 8' - 7" | End clip | 7' - 0" | Int Fastener | 7' - 4" | Int Fastener |
| 30.00 | 7' - 0" | End clip | 5' - 11" | Int Fastener | 6' - 2" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 5' - 2" | Int Fastener | 5' - 4" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 7" | Int Fastener | 4' - 8" | Int Fastener |
| 45.00 | 4' - 6" | End clip | 4' - 1" | Int Fastener | 4' - 2" | Int Fastener |
| 50.00 | 4' - 1" | End clip | 3' - 9" | Int Fastener | 3' - 9" | Int Fastener |
| 55.00 | 3' - 8" | End clip | 3' - 5" | Int Fastener | 3' - 5" | Int Fastener |
| 60.00 | 3' - 4" | End clip | 3' - 2" | Int Fastener | 3' - 2" | Int Fastener |
| 65.00 | 3' - 1" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 70.00 | 2' - 10" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 75.00 | 2' - 8" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 80.00 | 2' - 6" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 85.00 | 2' - 4" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 90.00 | 2' - 2" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 95.00 | 2' - 1" | End clip | 2' - 0" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 0" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 105.00 | 1' - 11" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 110.00 | 1' - 10" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 115.00 | 1' - 9" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 120.00 | 1' - 8" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1780 LB w/Safety Factor = 3  Interior Fastening = 1780 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 1/8" Steel Supports with a single fastener pullout capacity of 1780 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 8' - 10" | Int Fastener | 9' - 5" | Int Fastener |
| 25.00 | 8' - 7" | End clip | 7' - 3" | Int Fastener | 7' - 7" | Int Fastener |
| 30.00 | 7' - 0" | End clip | 6' - 1" | Int Fastener | 6' - 5" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 5' - 4" | Int Fastener | 5' - 6" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 9" | Int Fastener | 4' - 10" | Int Fastener |
| 45.00 | 4' - 6" | End clip | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 50.00 | 4' - 1" | End clip | 3' - 10" | Int Fastener | 3' - 11" | Int Fastener |
| 55.00 | 3' - 8" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 60.00 | 3' - 4" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 65.00 | 3' - 1" | End clip | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 70.00 | 2' - 10" | End clip | 2' - 10" | Int Fastener | 2' - 10" | Int Fastener |
| 75.00 | 2' - 8" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 80.00 | 2' - 6" | End clip | 2' - 6" | Int Fastener | 2' - 6" | Int Fastener |
| 85.00 | 2' - 4" | End clip | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 90.00 | 2' - 2" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 95.00 | 2' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 100.00 | 2' - 0" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 105.00 | 1' - 11" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 110.00 | 1' - 10" | End clip | 1' - 10" | End clip | 1' - 10" | Int Fastener |
| 115.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 9" | Int Fastener |
| 120.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 8" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1842 LB w/Safety Factor = 3  Interior Fastening = 1842 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 3/16" Aluminum Supports with a single fastener pullout capacity of 1842 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 12' - 5" | Int Fastener | 13' - 5" | End clip |
| 25.00 | 8' - 7" | End clip | 10' - 1" | Int Fastener | 10' - 7" | End clip |
| 30.00 | 7' - 0" | End clip | 8' - 6" | End clip | 8' - 7" | End clip |
| 35.00 | 5' - 11" | End clip | 6' - 11" | End clip | 7' - 1" | End clip |
| 40.00 | 5' - 2" | End clip | 5' - 10" | End clip | 6' - 0" | End clip |
| 45.00 | 4' - 6" | End clip | 5' - 0" | End clip | 5' - 3" | End clip |
| 50.00 | 4' - 1" | End clip | 4' - 5" | End clip | 4' - 7" | End clip |
| 55.00 | 3' - 8" | End clip | 3' - 11" | End clip | 4' - 1" | End clip |
| 60.00 | 3' - 4" | End clip | 3' - 7" | End clip | 3' - 8" | End clip |
| 65.00 | 3' - 1" | End clip | 3' - 3" | End clip | 3' - 4" | End clip |
| 70.00 | 2' - 10" | End clip | 3' - 0" | End clip | 3' - 1" | End clip |
| 75.00 | 2' - 8" | End clip | 2' - 9" | End clip | 2' - 10" | End clip |
| 80.00 | 2' - 6" | End clip | 2' - 7" | End clip | 2' - 8" | End clip |
| 85.00 | 2' - 4" | End clip | 2' - 5" | End clip | 2' - 6" | End clip |
| 90.00 | 2' - 2" | End clip | 2' - 3" | End clip | 2' - 4" | End clip |
| 95.00 | 2' - 1" | End clip | 2' - 2" | End clip | 2' - 2" | End clip |
| 100.00 | 2' - 0" | End clip | 2' - 0" | End clip | 2' - 1" | End clip |
| 105.00 | 1' - 11" | End clip | 1' - 11" | End clip | 1' - 11" | End clip |
| 110.00 | 1' - 10" | End clip | 1' - 10" | End clip | 1' - 10" | End clip |
| 115.00 | 1' - 9" | End clip | 1' - 9" | End clip | 1' - 9" | End clip |
| 120.00 | 1' - 8" | End clip | 1' - 8" | End clip | 1' - 8" | End clip |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = $2.95x10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 2660 LB w/Safety Factor = 3  Interior Fastening = 2660 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 3/16" Steel Supports with a single fastener pullout capacity of 2660 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 8' - 1" | Int Fastener | 8' - 8" | Int Fastener |
| 25.00 | 8' - 7" | End clip | 6' - 8" | Int Fastener | 7' - 0" | Int Fastener |
| 30.00 | 7' - 0" | End clip | 5' - 8" | Int Fastener | 5' - 10" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 4' - 11" | Int Fastener | 5' - 0" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 4' - 4" | Int Fastener | 4' - 5" | Int Fastener |
| 45.00 | 4' - 6" | End clip | 3' - 11" | Int Fastener | 4' - 0" | Int Fastener |
| 50.00 | 4' - 1" | End clip | 3' - 6" | Int Fastener | 3' - 7" | Int Fastener |
| 55.00 | 3' - 8" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 60.00 | 3' - 4" | End clip | 3' - 0" | Int Fastener | 3' - 0" | Int Fastener |
| 65.00 | 3' - 1" | End clip | 2' - 9" | Int Fastener | 2' - 9" | Int Fastener |
| 70.00 | 2' - 10" | End clip | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 75.00 | 2' - 8" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 80.00 | 2' - 6" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 85.00 | 2' - 4" | End clip | 2' - 2" | Int Fastener | 2' - 2" | Int Fastener |
| 90.00 | 2' - 2" | End clip | 2' - 0" | Int Fastener | 2' - 0" | Int Fastener |
| 95.00 | 2' - 1" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 100.00 | 2' - 0" | End clip | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 105.00 | 1' - 11" | End clip | 1' - 9" | Int Fastener | 1' - 9" | Int Fastener |
| 110.00 | 1' - 10" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 115.00 | 1' - 9" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 120.00 | 1' - 8" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1681 LB w/Safety Factor = 3  Interior Fastening = 1681 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 12 Ga. Steel Supports with a single fastener pullout capacity of 1681 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 10' - 11" | End clip | 6' - 2" | Int Fastener | 6' - 5" | Int Fastener |
| 25.00 | 8' - 7" | End clip | 5' - 0" | Int Fastener | 5' - 2" | Int Fastener |
| 30.00 | 7' - 0" | End clip | 4' - 3" | Int Fastener | 4' - 4" | Int Fastener |
| 35.00 | 5' - 11" | End clip | 3' - 8" | Int Fastener | 3' - 9" | Int Fastener |
| 40.00 | 5' - 2" | End clip | 3' - 3" | Int Fastener | 3' - 3" | Int Fastener |
| 45.00 | 4' - 6" | End clip | 2' - 11" | Int Fastener | 2' - 11" | Int Fastener |
| 50.00 | 4' - 1" | End clip | 2' - 8" | Int Fastener | 2' - 8" | Int Fastener |
| 55.00 | 3' - 8" | End clip | 2' - 5" | Int Fastener | 2' - 5" | Int Fastener |
| 60.00 | 3' - 4" | End clip | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 65.00 | 3' - 1" | End clip | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 70.00 | 2' - 10" | End clip | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 75.00 | 2' - 8" | End clip | 1' - 9" | Int Fastener | 1' - 10" | Int Fastener |
| 80.00 | 2' - 6" | End clip | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 85.00 | 2' - 4" | End clip | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 90.00 | 2' - 2" | End clip | 1' - 6" | Int Fastener | 1' - 6" | Int Fastener |
| 95.00 | 2' - 1" | End clip | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 100.00 | 2' - 0" | End clip | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 105.00 | 1' - 11" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 110.00 | 1' - 10" | End clip | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 115.00 | 1' - 9" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 120.00 | 1' - 8" | End clip | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 1230 LB w/Safety Factor = 3  Interior Fastening = 1230 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 14 Ga. Steel Supports with a single fastener pullout capacity of 1230 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 9' - 5" | End Fastener | 4' - 5" | Int Fastener | 4' - 6" | Int Fastener |
| 25.00 | 7' - 7" | End Fastener | 3' - 7" | Int Fastener | 3' - 7" | Int Fastener |
| 30.00 | 6' - 4" | End Fastener | 3' - 0" | Int Fastener | 3' - 1" | Int Fastener |
| 35.00 | 5' - 5" | End Fastener | 2' - 7" | Int Fastener | 2' - 7" | Int Fastener |
| 40.00 | 4' - 9" | End Fastener | 2' - 4" | Int Fastener | 2' - 4" | Int Fastener |
| 45.00 | 4' - 2" | End Fastener | 2' - 1" | Int Fastener | 2' - 1" | Int Fastener |
| 50.00 | 3' - 9" | End Fastener | 1' - 10" | Int Fastener | 1' - 10" | Int Fastener |
| 55.00 | 3' - 5" | End Fastener | 1' - 8" | Int Fastener | 1' - 8" | Int Fastener |
| 60.00 | 3' - 2" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 65.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 70.00 | 2' - 8" | End Fastener | 1' - 4" | Int Fastener | 1' - 4" | Int Fastener |
| 75.00 | 2' - 6" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 80.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 85.00 | 2' - 3" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 90.00 | 2' - 1" | End Fastener | 1' - 1" | Int Fastener | 1' - 1" | Int Fastener |
| 95.00 | 2' - 0" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 100.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 105.00 | 1' - 10" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 110.00 | 1' - 9" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 115.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 120.00 | 1' - 7" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = $2.95x10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 850 LB w/Safety Factor = 3  Interior Fastening = 850 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 16 Ga. Steel Supports with a single fastener pullout capacity of 850 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.

Allowable Loads (psf) for Panels of Equal Spans

| | Single Span | | Double Span | | Triple Span | |
|---|---|---|---|---|---|---|
| **Load** | **Span** | **Governing Factor** | **Span** | **Governing Factor** | **Span** | **Governing Factor** |
| 20.00 | 5' - 9" | End Fastener | 2' - 9" | Int Fastener | 2' - 10" | Int Fastener |
| 25.00 | 4' - 7" | End Fastener | 2' - 3" | Int Fastener | 2' - 3" | Int Fastener |
| 30.00 | 3' - 10" | End Fastener | 1' - 11" | Int Fastener | 1' - 11" | Int Fastener |
| 35.00 | 3' - 3" | End Fastener | 1' - 7" | Int Fastener | 1' - 7" | Int Fastener |
| 40.00 | 2' - 11" | End Fastener | 1' - 5" | Int Fastener | 1' - 5" | Int Fastener |
| 45.00 | 2' - 7" | End Fastener | 1' - 3" | Int Fastener | 1' - 3" | Int Fastener |
| 50.00 | 2' - 4" | End Fastener | 1' - 2" | Int Fastener | 1' - 2" | Int Fastener |
| 55.00 | 2' - 1" | End Fastener | 1' - 0" | Int Fastener | 1' - 0" | Int Fastener |
| 60.00 | 1' - 11" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 65.00 | 1' - 9" | End Fastener | 0' - 11" | Int Fastener | 0' - 11" | Int Fastener |
| 70.00 | 1' - 8" | End Fastener | 0' - 10" | Int Fastener | 0' - 10" | Int Fastener |
| 75.00 | 1' - 6" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 80.00 | 1' - 5" | End Fastener | 0' - 9" | Int Fastener | 0' - 9" | Int Fastener |
| 85.00 | 1' - 4" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 90.00 | 1' - 3" | End Fastener | 0' - 8" | Int Fastener | 0' - 8" | Int Fastener |
| 95.00 | 1' - 3" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 100.00 | 1' - 2" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 105.00 | 1' - 1" | End Fastener | 0' - 7" | Int Fastener | 0' - 7" | Int Fastener |
| 110.00 | 1' - 1" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 115.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |
| 120.00 | 1' - 0" | End Fastener | 0' - 6" | Int Fastener | 0' - 6" | Int Fastener |

1. Section properties, ultimate values, and safety factors used to generate this table:

$I_c$ = 1.7031 $in^4$/Ft  $S_{bf}$ = 0.8515 $in^3$/Ft  $S_{bl}$ = 0.8515 $in^3$/Ft

$A_c$ = 47.57 $in^2$/Ft  $G_c$ = 498 psi  E = 2.95x$10^7$ psi

$F_b$ = 21047 LB w/Safety Factor = 1.875  $F_v$ = 17.2 psi w/Safety Factor = 1.875

End Clip varies with span; Safety Factor = 1.875  Interior Clip = 2,084 LB w/Safety Factor = 1.875

End Fastening = 518 LB w/Safety Factor = 3  Interior Fastening = 518 LB w/Safety Factor = 3

2. An allowable deflection of L/180 was used to generate this table.
3. Panels must be checked independently for thermal stress and manufacturing and shipping considerations.
4. The calculated weight of the panel is 2.62 psf.
5. This table assumes minimum 18 Ga. Steel Supports with a single fastener pullout capacity of 518 lbs.
6. This table assumes 1 interior clip with 1 fastener(s) and 1 end clip with 1 fastener(s).
7. Table based on Allowable Stress Design (ASD).
8. All clip fasteners must be ¼-inch diameter, 300 series stainless steel or CENTRIA approved.
9. Tables are based on allowable stress design, Using CENTRIA Foam Panel Analysis CFPA 5.0 version 2017, prepared on January 31, 2019 by CJSmith1.