



PRODUCT TECHNICAL DATA SHEET

JP: 1Y897

Gasket for sliding sash to be slid into place for buildings: multi-component thermoplastic gasket

PRODUCT PERFORMANCES

Function(s)

- The gasket must provide a durable and leak tight seal against air, water and wind between the opening frame and the fixed frame
- The gasket is such that the frame can be classified according to temperature gradients
- The gasket contributes to a comfortable closing frame, particularly influencing the maneuvering force of the opening frames
- The gasket is designed for manual or automatic installation
- For automatic assembly, the gasket must be slid into place as a second operation on aluminum profiles (aluminum frame)

Respect of standards

- NF EN 12365 - classification level W 1 X 5 YZ : for further information concerning the grades X, Y and Z, please contact us
- NF T 47-001 or ISO 3302 : applicable tolerances in extrusion
- CSTB reference document : approved flexible materials (TPV or TPS)
- NF EN 12046-1 : maneuvering force, classification level defined with the Customer depending on use

Presentation

- Finish : Adhesive Marking
- Color : Grey

Specific recommendation(s)

- This sliding gasket must be used only in the environment for which it has been designed, taking care to respect the clearance between the opening and the fixed frame



MIX TECHNICAL CHARACTERISTICS

(average values measured on an extruded gasket)

Characteristics	Test method	Unit	Mix 421 code CSTB E150	Mix 409	Mix 200
Material type & color	-	-	Thermoplastic TPS (SEBS) grey	Thermoplastic TPO grey	Black PE
Shore hardness ⁽¹⁾	NF ISO 7619 -1	point	60 sh A	90 ShA	55 sh D
Density	NF ISO 2781	-	1.16	0,89	0.96
Ultimate strength	NF ISO 37	MPa	6	14	-
Elongation at break	NF ISO 37	%	500	700	-
Modulus at 100%	NF ISO 37	MPa	2	7	-
Usage temperature range	-	°C	- 40 to + 85°C	- 40 to + 85°C	-
UV resistance	-	internal evaluation ⁽²⁾	++	++	++
Resistance to oil & hydrocarbons	-	internal evaluation ⁽²⁾	0	0	0
Fire resistance	-	internal evaluation ⁽²⁾	0	0	-
Toxicity	-	-	Respect the norm 2000/53/CE	Respect the norm 2000/53/CE	Respect the norm 2000/53/CE
Specific feature(s)	-	-	-	-	Functional Sliding
Colors (Cielab referential)	NF ISO 7724 1,2 et 3	-	L* = 58 a* = -2 b* = -2	L* = 52 a* = -1 b* = -2	-

(1) Thermoplastics : measured after 15 seconds / Rubber : instantaneous measurement

(2) 0 : bad / + : acceptable / ++ : good / +++ : excellent

The values mentioned in this document are the result of tests conforming with standard design practice. They are given for guidance so as to enable our customers to make the best use of our products and must be considered as being average values provided with no commitment by us.



GENERAL RECOMMENDATIONS

(WARNING: please refer to the previous pages for specific recommendations)

Handling & Manipulation

- manipulate the packaging carefully : do not perforate them, avoid shocks, do not stack (unless mentioned otherwise on the packaging itself or on the pallet)
- transport sheltered from bad weather and dust
- do not allow any contact with aggressive products (solvents, volatile compounds, grease, oil, abrasives, etc.)
- if a problem occurs on reception, always add characterized reserves corresponding to the problem on the delivery note so that we can initiate receivable recourse with the transporter
- keep the product in its original packaging until it is actually used

Storage conditions

- conforming with standard ISO 2230 : 2002 applicable standard
- in clean dry rooms (maximum humidity 65%), and well ventilated (no condensation) rooms
- protected from direct light: sunlight and artificial light with high UV content
- at a temperature between 5 and 25°C (unless specifically mentioned otherwise for the product)
- during a maximum period of 6 months after reception unless specifically mentioned otherwise for the product (for silicone-coated products : during a maximum period of 3 months)
- assure that traceability is maintained and apply regular stock rotation (FIFO method)

Installation & product life

- during the packaging opening and the assembly operations, avoid the use of aggressive tools (cutter blade, screwdriver tip, etc.) that could damage the product
- install the product only above 10°C
- do not expose to temperatures below -40°C or above 85°C (unless specifically mentioned otherwise for the product)
- wear gloves when manipulating the product
- avoid contact with aggressive products (solvents, grease, abrasives, etc.)
- if the Fit Gaskets equipment is used, respect recommendations given in the equipment user's manual, including for maintenance purposes
- do not apply any torsion, tension or compression stresses to the product during installation, if not justified by its final use : that could irreversibly degrade its functions
- eliminate any product that has been irreversibly deformed or degraded
- assure traceability throughout the use of the product
- no installation aid product may be used without prior checking: please contact us
- if cleaning products must be used, take soapy water or commercially available solutions based on dilute alcohol: do not use liquid containing solvents (White Spirit, etc.)

Guarantee exclusions

Any guarantee that we provide on our product will only be effective if the product:

- has not been used abnormally (extreme temperatures, defective installation or installation not conforming with standard practice, failure to respect our recommendations, etc.)
- has not been degraded either due to a chemical (aggressive liquids, solvents, etc.) or animal cause, or due to defective storage conditions (storage of an opened packaging, dirt, tangles)
- has not been submitted to normal ageing (normal change to aesthetics, performance, etc.).

Warning notes

The product according to the attached description has been designed, developed and made based on the recommendations appearing in your call for bids and for use of this product strictly limited to the use described in the said call for bids. Please contact us for any other use.

We recommend that you should read our technical datasheets carefully and follow the usage instructions, usage recommendations and any contraindications about our products scrupulously. Do not hesitate to contact us if you need any further information.

The content of our technical datasheets is the result of extensive development work and our long experience with potential applications. Appropriate use of our products will depend on the thoroughness with which information given in these documents is treated, it being understood that this information is given only for guidance purposes.

However, this factor is beyond our control since we do not know the data that you used, nor more generally the conditions of the planned use of our products. You must check that this information is only used by competent people, check how the products are used and make the necessary verifications, particularly carrying out tests before use and requesting the assistance of our technical services when necessary.

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