



Technical datasheet

ISOFIT ELASTOMER TAPE Euroclass B-s2, d0

Type of material	Pressure-sensitive elastomer adhesive tape.
Product range	Adhesive tape in rolls 10 m or 15 m long, 50 mm wide and 3 mm thick.
Applications	Sealing and finishing tape for EUROBATEX insulation systems
Dimensional tolerances	In accordance with the European standard EN 14304.
Environmental information	Flexible and expanded CFC- and HCFC-free elastomer foam. Does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).
Additional information	Self-adhesive material: The self-adhesive coating is based on modified acrylate; reinforced with a mesh structure. Paper protective film. There are traces of silicone on the film that protects the self-adhesive coating.
Storage conditions/shelf life	Store the material in a dry and clean place. environment at a temperature between 0 °C and 35 °C and a relative humidity between 50% and 70%. Do not expose the material to heat or direct sunlight during storage. The products should not be stored for longer than one year.

PROPERTIES OF ISOFIT ELASTOMER TAPE

Properties	Achieved result		Test procedure
Heat conductivity	At an average temperature of 0 °C	$\lambda \leq 0,033 \text{ W/m}\cdot\text{K}$	EN 12667
	At an average temperature of +40 °C	$\lambda \leq 0,037 \text{ W/m}\cdot\text{K}$	
Water vapor diffusion resistance coefficient	$\mu \geq 10000$		EN 12086
Water absorption	$< 0,1 \text{ kg/m}^2$		EN 1609
Fire performance	European standard Euroclass	B-s2,d0	EN 13501-1
	FM Approval	FM Approved Klasse: 4924 Product type: Insulation of pipes and ducts	Test Prozedur Klasse Nummer 4924 UCB Standard Nr. 26-3
	USA, Canada	UL geprüft Brandklasse V-0, HF-1	UL 94 UL 746 A - UL 746 B
	Switzerland Reaction Group on fire	RF2 (cr)	VKF Guideline13-15
	No fungal or bacterial growth was detected		A.A.T.C.C. Test method 30 ISO 22196
Corrosion risk	Meets test requirements		EN 13468



PROPERTIES OF THE ADHESIVE FILM

Properties	Type / Result achieved	Test procedure
Liner	Glassine Avana	-
Adhesive	Acrylat-Emulsion	-
Weight adhesive	65 ± 2 gr/m ²	-
Clutch	Polyester	-
Adhesive strength on steel	14 N/in	FMT 1
Shear liability	> 24 h	FMT 8
Loop tack test on steel	12 N/in	FMT 9
Recommended application temperature	from +10 °C to +40 °C	-
Recommended operating temperature	from -10 °C to +90 °C	-

For information on the chemical resistance of the product, please refer to the specific technical documentation.

System 1  marking according to the European standard EN 14304.

Certification of constancy of performance issued by CSI S.p.A. - Bollate IT-20021.

The product meets the requirements to obtain the Eco-Bau classification.

For outdoor applications, ISOFIT Elastomer Tape FPX TR should be protected with Union Covering or Vec elastomer paint.

All standards quoted in this document are up to date.

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