

IT-FLEX UV PROTECTION

Technical data sheet

MATERIAL

Closed-cell flexible elastomeric foam (FEF), coupled with polyolefin film with high UV resistance.

PRODUCT SPECIFICATION

Thermal insulation material produced in accordance with the European Standard EN 14304.

PRODUCT RANGE

Standard and self-adhesive sheets in rolls with thicknesses from 6 to 32 mm.
Self-adhesive tapes with a thickness of 3 mm.

PRODUCT APPLICATION

Thermal insulation of HVAC, refrigeration systems and industrial applications.
Also suitable for external use.**

MAIN CHARACTERISTICS

CFC and HCFC-free rubber foam. Does not contain or release dust or fibres.

TECHNICAL INFORMATION	REFERENCE DATA	TEST STANDARDS
SERVICE TEMPERATURES Max. temperature of transported fluids Min. temperature of transported fluids	+ 110 °C* - 50 °C*	EN 14706
THERMAL CONDUCTIVITY λ	At mean temp. of 0 °C $\leq$ 0,034 W/m·K At mean temp. of 40 °C $\leq$ 0,038 W/m·K	EN 12667
WATER VAPOUR DIFFUSION FACTOR μ only on elastomer	Sheets thk. 6-32 mm $\mu \geq 10000$	EN 12086
REACTION TO FIRE	EUROCLASS E	EN 13501 - 1
CORROSION RISK	MEETS TEST REQUIREMENTS	EN 13468
UV RESISTANCE	GOOD	UNI ISO 4892 - 2
DIMENSIONAL TOLERANCES	In accordance with table 1 - European Standard EN 14304	

TECHNICAL CHARACTERISTICS OF THE EXTERNAL PROTECTIVE COATING

TYPE	POLYOLEFIN UV RESISTANT FILM	
TOTAL THICKNESS	70 μ m	
COLOUR	BLACK RAL 9005	

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*For adhesive tapes and sheets: max. operating temperature 90°C. For specific requirements, please contact our Technical Department.
Storage of adhesive products: not exceeding one year.

All standards cited in this document are intended to be updated to the latest released version. The latest released documentation and specific certifications are available upon registration on our website at: www.evocellmobius.it

**Please note that Evocell&Mobius insulation material is not designed to operate in direct contact with the transported fluid.

It is the responsibility of the end user to verify the suitability of the product for the intended use, in relation to the specific conditions of use and installation.

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