

IT-FLEX C1 - SA "DUCT" ADHESIVE IT-FLEX TRIPLEX "DUCT" ADHESIVE

Technical data sheet

MATERIAL

Closed-cell flexible elastomeric foam (FEF)

PRODUCT SPECIFICATION

Flexible and expanded rubber foam thermal insulation material produced in accordance with the European Standard EN 14304.

PRODUCT RANGE

Self-adhesive sheets in rolls with thicknesses from 6 to 30 mm. Self-adhesive tapes with a thickness of 3 mm. The Triplex version is manufactured with a multilayer protective film coating.

PRODUCT APPLICATION

Thermal insulation of ducts and components of air distribution systems also in external* environments. (Triplex version).

MAIN CHARACTERISTICS

Flexible and expanded CFC and HCFC-free rubber foam. Does not contain dust or fibres. Sheets in rolls h = 1500 mm. (DUCT version)

TECHNICAL INFORMATION	REFERENCE DATA	TEST STANDARDS
SERVICE TEMPERATURES Max. temperature of transported fluids Min. temperature of transported fluids	+ 90 °C - 50 °C	EN 14706
THERMAL CONDUCTIVITY λ	TAPES AND SHEETS C1 SA - SHEETS TRIPLEX 3-32 At tm of 0 °C ≤ 0.033 W/m·K At tm of 40 °C ≤ 0.037 W/m·K IT-FLEX C1 SA SHEETS 40-60 mm At tm of 0 °C ≤ 0.034 W/m·K At tm of 40 °C ≤ 0.038 W/m·K	EN 12667
WATER VAPOUR DIFFUSION FACTOR μ	IT-FLEX C1 SA SHEETS AND TAPES 3-25 mm IT-FLEX TRIPLEX "DUCT" 6-32 mm $\mu \geq 10,000$ IT-FLEX C1 SA 30-60 mm and IT-FLEX C1 SA "DUCT" $\mu \geq 7,000$	EN 12086
REACTION TO FIRE	EUROCLASS { B-s3, d0 IT-FLEX C1 SA e C1 SA "DUCT" B-s2, d0 TAPE 3mm E IT-FLEX TRIPLEX "DUCT"	EN 13501 - 1
CORROSION RISK	MEETS TEST REQUIREMENTS	EN 13468
DIMENSIONAL TOLERANCES	In accordance with table 1 - European Standard EN 14304	EN 14304

TECHNICAL CHARACTERISTICS OF THE EXTERNAL PROTECTIVE COATING

TYPE	MULTILAYER FILM COMPOSITE (PET+ALU+PE)	
COLOUR	ALUMINIUM	
TOTAL THICKNESS	ca. 100 μ m	
WEIGHT	125 g m ²	

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

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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