

IT-FLEX SYSTEM COVER (EXTERNAL PROTECTIVE COATING)

Technical data sheet

MATERIAL

Self wrapping multilayer coating of PVC/ALU/UV protective film.

PRODUCT SPECIFICATION

Protective covering of insulated pipeworks.

PRODUCT RANGE

Rolls, tapes, elbows and special shapes with a thickness of 230 µm.

PRODUCT APPLICATION VISIBLE

Covering and finishing of insulation systems. *

TECHNICAL INFORMATION	REFERENCE DATA	TEST STANDARDS
TOTAL WEIGHT	340 g/mq	EN 22 286
THICKNESS	approx. 230 µm	
BREAKING LOAD	MD 200 N/ 15mm-CD 175 N/15mm	EN ISO 527-3
ELONGATION	MD 48% - CD 51%	EN ISO 527-3
TEAR STRENGTH	MD 70 N - CD 28 N	EN ISO 527-3
BORING RESISTANCE	ø 0,8 mm 23 N - ø 0,3 mm 87 N	pr EN 14 477
TEAR STRENGTH (NAIL)	MD 50 N - CD 42 N	EN 12310-1
LOI (Oxygen Index Limit)	35,5% O ₂	ASTM D 2863 - ISO 4589
UV RESISTANCE (Stability Test)	EXCELLENT	ASTM G 26 - ISO 4892 - 2
WATER VAPOUR DIFFUSION	< 0,028 g/mq/d	ASTM F 1429 - ISO 15106 - 2
EMISSIONITY ε	0,64%	
SERVICE TEMPERATURE	from -25 °C to +65 °C	

01/2026

*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.

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.

EVOCELL&MOBIUS reserves the right to modify the above data without prior notice.

Please refer to the website www.evocellmobius.it for the latest version.