

EVOPLUS S2

Technical data sheet

MATERIAL TYPE

Black flexible closed-cell elastomeric foam (FEF).

PRODUCT RANGE

Sheet rolls (also available in self-adhesive version) in thicknesses from 6 to 32 mm. 3 mm thick tapes.

PRODUCT APPLICATION

Thermal insulation of components for civil and industrial heating, air conditioning, and refrigeration systems.

ENVIRONMENTAL INFORMATION

Extruded and foamed without the use of CFCs and HCFCs.
No contribution to ozone layer depletion (zero ODP) and no contribution to the greenhouse effect (zero GWP).

ADDITIONAL INFORMATION

For the self-adhesive versions, a modified acrylic adhesive with reinforcing mesh is used, protected by a polyethylene film. Traces of silicone may be present on the protective film.

STORAGE / PRESERVATION CONDITIONS

Store the material in a dry and clean place at an ambient temperature between 0 °C and 35 °C and with relative humidity between 50% and 70%. Do not expose to heat or direct sunlight before installation.
The storage period for self-adhesive products must not exceed one year.

TECHNICAL INFORMATION	REFERENCE DATA	TEST STANDARD
OPERATING TEMPERATURES OF THE TRANSPORTED FLUIDS	- 45 °C + 110 °C*	EN 14706
THERMAL CONDUCTIVITY λ At a mean temperature of 0 °C At a mean temperature of 40 °C	$\leq 0,037 \text{ W/m}\cdot\text{K}$ $\leq 0,041 \text{ W/m}\cdot\text{K}$	EN 12667
WATER ABSORPTION	< 0,1 Kg/m ²	EN 1609
REACTION TO FIRE CLASSIFICATION – EUROCLASS	B-s2,d0	EN 13501 - 1
CORROSION RISK	Meets the requirements	UNI ISO 4892-2
DIMENSIONAL TOLERANCES	According to Table 1 of EN 14304 Standard	

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*For self-adhesive tapes and sheets: maximum operating temperature 90 °C.

Storage period for self-adhesive products: not exceeding one year.

All standards referred to in this document are intended to be updated to their latest released version. The latest specific documentation and certifications issued 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. For specific requirements, please contact our technical department.

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

EVOCELL&MOBIUS reserves the right to modify the above-mentioned data without prior notice. Please refer to www.evocellmobius.it for the latest version.

Outdoor applications: EVOPLUS S2 elastomeric insulation must be protected during installation (IT FLEX TCA or VEC polymeric coating).