

EUROBATEX® UV PROTECTION

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) coupled with a high UV resistant polyolefinic film
PRODUCT RANGE:	Sheets in roll (also available in self adhesive version) with thicknesses from 6 mm to 50 mm. Tapes with a thickness of 3 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications. Suitable also for external applications
DIMENSIONAL TOLERANCES:	In accordance with the European Standard EN 14304
ENVIRONMENTAL INFORMATION:	Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero)
ADDITIONAL INFORMATION:	Self-adhesive material: acrylate based adhesive coating reinforced with mesh structure. Protection liner made of polyolefin foil. Traces of silicon can be found on the foil protecting the self-adhesive coating
STORAGE CONDITIONS/SHELF LIFE:	Store the material in a dry and clean environments at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight when stored. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE*	-45 °C +110 °C		EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of 0 °C	Sheets: ≤32 mm: $\lambda \leq 0,033$ W/m·K Sheets: >32 mm: $\lambda \leq 0,034$ W/m·K	EN 12667
	At a mean temperature of +40 °C	Sheets: ≤32 mm: $\lambda \leq 0,037$ W/m·K Sheets: >32 mm: $\lambda \leq 0,038$ W/m·K	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	E	EN 13501-1
UV RESISTANCE	Excellent		UNI ISO 4892-2
CORROSION RISK	Meets test requirements		EN 13468

CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	REFERENCE VALUES
COLOUR	Black
WEIGHT	≈ 65 g/m ²
THICKNESS	≈ 70 μm

*NB: for application at lower temperatures please contact our technical department.
For self-adhesive sheets and tapes, the maximum operating temperature is +90 °C.

System 3 CE Marking in accordance with the European Standard EN 14304.

All the normatives quoted in this document are updated to the latest issued version.
Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.