

EUROBATEX® HIGH TECHNOLOGY



TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) covered with a mineral fibre based jacketing with black external quality finish. Does not contain halogens (Chlorine, Bromine, Fluorine) and PVC
PRODUCT RANGE:	Self-adhesive pipe sections of 1 m with thicknesses from 13 to 25 mm and diameters from 14 to 170 mm. Sheets in rolls (also in self-adhesive version) with thickness from 6 to 32 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration and air conditioning services in industrial, commercial and institutional applications. Especially suitable for marine and civil engineering applications working at high temperature and when a higher standard of safety in case of fire is required
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. The products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE*	-45 °C +130 °C		EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of +40 °C	$\lambda \leq 0,042$ W/m-K	EN 12667
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	Tubes: B _L -s1,d0 Sheets: B-s2,d0	EN 13501-1
SHIPYARDS (MED) TYPE APPROVAL: RINA, LLOYD'S REGISTER	Meets test requirements		IMO Res. MSC.307(88); IMO MSC/Circ. 1004 (MED 2014/90/EU Mod. B and D)
UV RESISTANCE	Excellent		UNI ISO 4892-2

CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	REFERENCE VALUES
THICKNESS	≈ 200 μm
WEIGHT	≈ 250 g/m ²

External finishing colour: black

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

System 1 CE Marking in accordance with the European Standard EN 14304. Certification of Constancy of Performance issued by CSI S.p.A. - Bollate IT-20021.

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.