

# EUROBATEX® GLASTEC

<b>TYPE OF MATERIAL:</b>	Black closed-cell flexible elastomeric foam (FEF) coupled with mineral fibre material with a black coloured exterior finishing
<b>PRODUCT RANGE:</b>	Self-adhesive pipe sections of 1 m with thicknesses from 13 mm to 50 mm and diameters from 14 mm to 170 mm. Sheets in rolls (also in self-adhesive version) with thicknesses from 6 mm to 50 mm
<b>FIELDS OF APPLICATION:</b>	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications
<b>DIMENSIONAL TOLERANCES:</b>	In accordance with the European Standard EN 14304
<b>ENVIRONMENTAL INFORMATION:</b>	CFC, HCFC-free flexible and expanded rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero)
<b>ADDITIONAL INFORMATION:</b>	Self-adhesive material: acrylate based adhesive coating available plain or reinforced with mesh structure. Protection liner made of polyolefin. Traces of silicon can be found on the foil protecting the self-adhesive coating
<b>STORAGE CONDITIONS/SHELF LIFE:</b>	Store the material in a dry and clean environment 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. Products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
<b>OPERATING TEMPERATURE RANGE*</b>	-45 °C +110 °C		EN 14706 / EN 14707
<b>THERMAL CONDUCTIVITY</b>	At a mean temperature of 0 °C	Tubes thk. ≤25 mm: $\lambda \leq 0,033$ W/m·K Tubes thk. >25 mm: $\lambda \leq 0,035$ W/m·K Sheets thk. ≤32 mm: $\lambda \leq 0,033$ W/m·K Sheets thk. >32 mm: $\lambda \leq 0,034$ W/m·K	EN 12667 / EN ISO 8497
	At a mean temperature of +40 °C	Tubes thk. ≤25 mm: $\lambda \leq 0,037$ W/m·K Tubes thk. >25 mm: $\lambda \leq 0,039$ W/m·K Sheets thk. ≤32 mm: $\lambda \leq 0,037$ W/m·K Sheets thk. >32 mm: $\lambda \leq 0,038$ W/m·K	
<b>WATER VAPOUR DIFFUSION RESISTANT FACTOR</b>	$\mu \geq 10000$		EN 13469 / EN 12086
<b>FIRE PERFORMANCE</b>	European Standard Euroclass	Tubes: B <sub>L</sub> -s1,d0 Sheets: B-s2,d0	EN 13501-1
<b>RAILWAYS</b>	HL-3/R1		EN 45545
<b>UV RESISTANCE</b>	Excellent		UNI ISO 4892-2
<b>CORROSION RISK</b>	Meets test requirements		EN 13468

## CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	REFERENCE VALUES
<b>THICKNESS</b>	≈ 200 μm
<b>WEIGHT</b>	≈ 250 g/m <sup>2</sup>

External finishing colour: black

\*NB: for applications at lower temperature please contact our technical department. For self-adhesive sheets, the maximum operating temperature standard 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.