

EUROBATEX® DUCT - DUCT TRIPLEX

Type of material: DUCT - Black closed-cell flexible elastomeric foam (FEF).
 DUCT TRIPLEX - Eurobatex Duct coupled with the TRIPLEX coating, a multi-layered coating of polyester, polyethylene and aluminium film.

Product range: 1500 mm wide mesh self-adhesive sheets in rolls, in thicknesses from 6 to 30 mm.

Fields of application: Thermal Insulation for commercial and industrial applications involving cold and hot ducts, large pipes and vessels.

Dimensional tolerances: In accordance with the European Standard EN 14304.

Environmental Information: CFC and 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).

Additional information: Self-adhesive material: the self-adhesive coating is based on modified acrylate reinforced with mesh structure. Protection liner made of polyethylene 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 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 before installing. Self-adhesive sheets should not be kept in storage for more than one year.

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
	DUCT	DUCT TRIPLEX	
Operating temperature range*	-45 °C +110 °C		EN 14706
Thermal conductivity λ At a mean temperature of 0 °C	≤ 0.033 W/m·K		EN 12667
At a mean temperature of + 40 °C	≤ 0.037 W/m·K		
Water vapour diffusion resistance factor (μ)	≥ 7000	≥ 10000	EN 12086
Water absorption	$< 0,1$ kg/m ²		EN 1609
Fire performance European standard	B-s3,d0	E	EN 13501-1
UK: Fire propagation Surface spread of flame Building Regulations	$i_1 \leq 6.0$ Class 1 Class 0	- - -	BS476: Part 6 BS476: Part 7 BS476 Parts 6 and 7
USA, Canada:	UL Approved Flame Class V-0, up to 13 mm. Flame Class V-0, HF-1 - thk. 3 mm.	-	UL 94 UL 746 A - UL 746 B
Ozone resistance	Excellent	Excellent	ISO 7326
UV resistance	-	Excellent	UNI ISO 4892-2
Antimicrobial behaviour	Meets test requirements	Meets test requirements	AATCC test method 30-2004
Corrosion risk	Meets test requirements	Meets test requirements	EN 13468

CHARACTERISTICS OF THE TRIPLEX COATING

PHYSICAL PROPERTIES	UNIT OF MEASURE	REFERENCE VALUES
Colour	-	Aluminium
Weight	g/m ²	approx. 125
Total thickness	μ m	approx. 100

* NB: for applications at lower temperatures please contact our technical department.

For self-adhesive sheets, the maximum operating temperature is +90 °C. For applications at higher temperatures please contact our technical department.

For information regarding the chemical resistance of the product please consult the specific technical documentation.

For outside uses Eurobatex Duct should be protected with Union Covering or Vec elastomeric paint.

EUROBATEX DUCT - 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.

EUROBATEX DUCT TRIPLEX - 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 versions.

Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.