

EUROBATEX® DUCT/DUCT TRIPLEX

TYPE OF MATERIAL:	DUCT - Black closed-cell flexible elastomeric foam (FEF). DUCT TRIPLEX - Eurobatex Duct coupled with a multi-layered coating of polyester, aluminium foil and polyethylene film
PRODUCT RANGE:	1500 mm wide self-adhesive sheets in rolls in thicknesses from 6 mm 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:	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. 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	$\lambda \leq 0,033 \text{ W/m}\cdot\text{K}$	EN 12667	
	At a mean temperature of +40 °C	$\lambda \leq 0,037 \text{ W/m}\cdot\text{K}$		
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	DUCT	$\mu \geq 7000$	EN 12086	
	DUCT TRIPLEX	$\mu \geq 10000$		
WATER ABSORPTION	DUCT	<0,1 kg/m ²	EN 1609	
	DUCT TRIPLEX	-		
FIRE PERFORMANCE	European Standard Euroclass	DUCT	B-s3,d0	EN 13501-1
		DUCT TRIPLEX	E	
	FM Approval	DUCT	FM Approved Class 4924 Product Type: Pipe and Duct insulation	Test Procedure Class Number 4924 UCB Standard No. 26-3
		DUCT TRIPLEX	-	
	UK Fire propagation Surface spread of flame Building Regulations	DUCT	i1 ≤ 6.0 Class 1 Class 0	BS476: Part 6 BS476: Part 7 BS476 Parts 6 and 7
		DUCT TRIPLEX	-	
USA, Canada	DUCT	UL Approved Flame Class V-0 Flame Class V-0, HF-1 - thk. 3 mm	UL 94 UL 746 A - UL 746 B	
DUCT TRIPLEX	-			
CORROSION RISK	Meets test requirements		EN 13468	

CHARACTERISTICS OF THE COATING

PHYSICAL PROPERTIES	REFERENCE VALUES
COLOUR	Aluminium
WEIGHT	≈ 125 g/m ²
THICKNESS	≈ 100 µm

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

For information regarding the chemical resistance of the product please consult the specific technical documentation. For self-adhesive sheets, the maximum operating temperature is +90 °C.

EUROBATEX DUCT - System 1 **CE Marking** in accordance with the European Standard EN 14304. Certification of Constasy 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 version. Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.