

# EUROBATEX® DUCT - DUCT TRIPLEX



CFC, HCFC free, GWP zero self-adhesive sheets in roll form made from Flexible Elastomeric Foam, an insulation product complying with European standard EN 14304. This material has an integral vapour barrier, is suitable for the thermal insulation of hot, cold and dual temperature ductwork and also for large diameter pipes and vessels including those with a complex surface shape. The range is available in a width of 1500 mm to minimise wastage, improve installation times and thereby reduce costs. A coated version, with a metallic appearance called DUCT TRIPLEX is also available.



advanced elastomeric thermal and acoustic insulation materials

# 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 $\lambda$ At a mean temperature of 0 °C	$\leq 0.033$ W/m·K		EN 12667
At a mean temperature of + 40 °C	$\leq 0.037$ W/m·K		
Water vapour diffusion resistance factor ( $\mu$ )	$\geq 7000$	$\geq 10000$	EN 12086
Water absorption	$< 0,1$ kg/m <sup>2</sup>		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 <sup>2</sup>	approx. 125
Total thickness	$\mu$ 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.

## EUROBATEX® DUCT - DUCT TRIPLEX

SELF-ADHESIVE CONTINUOUS ROLLS  
WIDTH 1500 mm

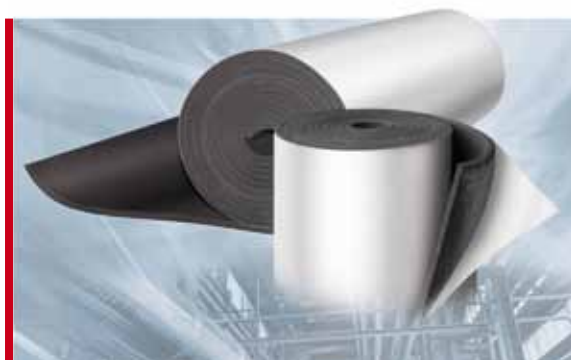
### PRODUCT RANGE

#### DUCT

Item no.	Thickness mm	Roll (m <sup>2</sup> /ct)
06EUR R H1,5 ADR	6	45
08EUR R H1,5 ADR	8	37,5
10EUR R H1,5 ADR	10	30
12EUR R H1,5 ADR	12	22,5
15EUR R H1,5 ADR	15	18
20EUR R H1,5 ADR	20	15
25EUR R H1,5 ADR	25	12
30EUR R H1,5 ADR	30	9

#### DUCT TRIPLEX

Item no.	Thickness mm	Roll (m <sup>2</sup> /ct)
06EUR RH1,5 TX ADR	6	45
08EUR RH1,5 TX ADR	8	37,5
10EUR RH1,5 TX ADR	10	30
12EUR RH1,5 TX ADR	12	22,5
15EUR RH1,5 TX ADR	15	18
20EUR RH1,5 TX ADR	20	15
25EUR RH1,5 TX ADR	25	12
30EUR RH1,5 TX ADR	30	9



#### EUROBATEX® SELF-ADHESIVE TAPE

Item no.	Description	pcs/ct
FPX 10 TR	thickness 3 mm x 50 mm width - 10 m length	24
FPX 15 TR	thickness 3 mm x 50 mm width - 15 m length	12

#### SELF ADHESIVE TAPE WITH TRIPLEX FINISHING

Item no.	Description	pcs/ct
NCA 50x50	aluminium coloured tape width 50 mm x 50 m	loose

#### CNX ADHESIVE

Item no.	Description	pc/box
CNX 850	850 g tin - 1000 ml	12
CNX 425	425 g tin - 500 ml	24
CNX 200	200 g - 225 ml tin including brush	24
CNX S 850	850 g - 1000 ml tin	12



# EUROBATEX<sup>®</sup> DUCT

## DIMENSIONAL TOLERANCES SPECIFIED BY EUROPEAN PRODUCT STANDARD EN 14304

Form of delivery	Length	Width	Thickness		Squareness	Inside diameter	
			Declared	Tolerance		$D_i \leq 100$	$D_i > 100$
Pipes	$\pm 1,5\%$	-	$d_D \leq 8$	$\pm 1$	3,0 mm	$D_{ID} + 1 \leq D_i \leq D_{ID} + 4$	$D_{ID} + 1 \leq D_i \leq D_{ID} + 6$
			$8 < d_D \leq 18$	$\pm 1,5$	-		
			$18 < d_D \leq 31$	$\pm 2,5$	-	-	
			$d_D > 31$	$\pm 3$	-	-	
Sheets	$\pm 1,5\%$	$\pm 2\%$	$d_D \leq 6$	$\pm 1$	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	$\pm 2$	3,0 mm (thickness)		
Rolls	+ 5% - 1.5%	$\pm 2\%$	$d_D \leq 6$	$\pm 1$	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	$\pm 2$	3,0 mm (thickness)		
Tapes	+ 5% - 1.5%	$\pm 2\%$	$d_D = 3$	- 0.1 + 1,5	-	-	-

# EUROBATEX<sup>®</sup> DUCT TRIPLEX



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