

# EUROBATEX® UV PROTECTION

EUROBATEX sheet with a pigmented polyethylene film factory applied. The polyethylene film is **UV resistant** and allows the product to be used externally without painting. It is flexible, washable and significantly improves the resistance of the system to casual mechanical damage.

## APPLICATIONS FIELDS



Industrial



Refrigeration



Building



Oil & Gas



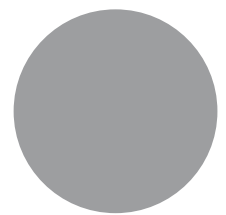
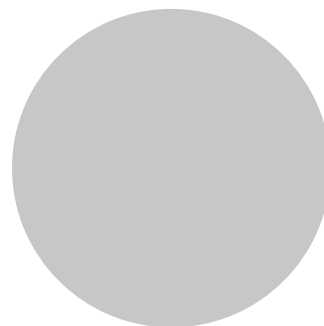
Heating & Plumbing



Outdoor applications



Air Conditioning



# EUROBATEX® UV PROTECTION

<b>TYPE OF MATERIAL:</b>	Black closed-cell flexible elastomeric foam (FEF) coupled with a high UV resistant polyolefinic film
<b>PRODUCT RANGE:</b>	Sheets in roll (also available in self adhesive version) with thicknesses from 6 mm to 50 mm. Tapes with a thickness of 3 mm
<b>FIELDS OF APPLICATION:</b>	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications. Suitable also for external applications
<b>DIMENSIONAL TOLERANCES:</b>	In accordance with the European Standard EN 14304
<b>ENVIRONMENTAL INFORMATION:</b>	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)
<b>ADDITIONAL INFORMATION:</b>	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
<b>STORAGE CONDITIONS/SHELF LIFE:</b>	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. Self-adhesive 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
<b>THERMAL CONDUCTIVITY</b>	At a mean temperature of 0 °C	Sheets: ≤32 mm: $\lambda \leq 0,033$ W/m·K Sheets: >32 mm: $\lambda \leq 0,034$ W/m·K	EN 12667
	At a mean temperature of +40 °C	Sheets: ≤32 mm: $\lambda \leq 0,037$ W/m·K Sheets: >32 mm: $\lambda \leq 0,038$ W/m·K	
<b>WATER VAPOUR DIFFUSION RESISTANCE FACTOR</b>	$\mu \geq 10000$		EN 12086
<b>FIRE PERFORMANCE</b>	European Standard Euroclass	E	EN 13501-1
<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>COLOUR</b>	Black
<b>WEIGHT</b>	≈ 65 g/m <sup>2</sup>
<b>THICKNESS</b>	≈ 70 μm

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

**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.

# EUROBATEX® UV PROTECTION

Polyolefinic film external finishing

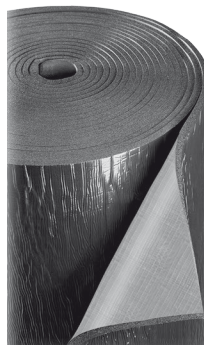
## CONTINUOUS ROLLS 1000 mm WIDTH

### SELF-ADHESIVE

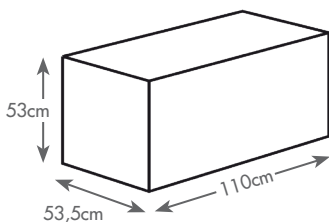
Item No.	Thickness mm	m <sup>2</sup> /box
06EUR R UV	6	30
10EUR R UV	10	20
13EUR R UV	13	14
19EUR R UV	19	10
25EUR R UV	25	8
32EUR R UV	32	6

Item No.	Thickness mm	m <sup>2</sup> /box
06EUR R UV ADR	6	30
10EUR R UV ADR	10	20
13EUR R UV ADR	13	14
19EUR R UV ADR	19	10
25EUR R UV ADR	25	8
32EUR R UV ADR	32	6

Different thicknesses are available on request.  
Material not in stock, produced on request – lead time 15 workdays



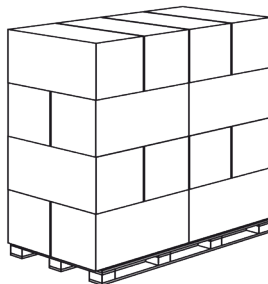
**Packaging dimensions:**  
(volume = 0,30 m<sup>3</sup>)



**Pallet dimensions:**

120 x 210 x 277 cm  
Volume = 7 m<sup>3</sup>  
Box/pallet = 20

120 x 210 x 224 cm  
Volume = 5,64 m<sup>3</sup>  
Box/pallet = 16



# EUROBATEX® UV PROTECTION SELF-ADHESIVE TAPE

Item No.	Description	pcs/ct
FPX 10 UV	thickness 3 mm x 50 mm width - 10 m length	24



## CNX S ADHESIVE

Item No.	Description	pcs/ct
CNX 850 S	850 g - 1000 ml tin	12
CNX 425 S	425 g - 500 ml tin	24
CNX 200 S	200 g - 225 ml tin including brush	24



## THERMAL INSULATION PRODUCTS FOR BUILDING EQUIPMENT AND INDUSTRIAL INSTALLATIONS. FACTORY MADE FLEXIBLE ELASTOMERIC FOAM (FEF) PRODUCTS

### Dimensional tolerances specified by the European product Standard EN 14304

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



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