

Advanced elastomeric
thermal and acoustic
insulation materials



INSULATION MATERIALS.
OUR WORLD.
FOR A BETTER WORLD.

GENERAL CATALOGUE



2021/2022



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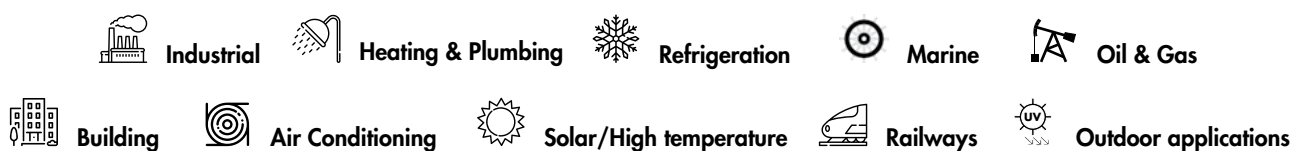
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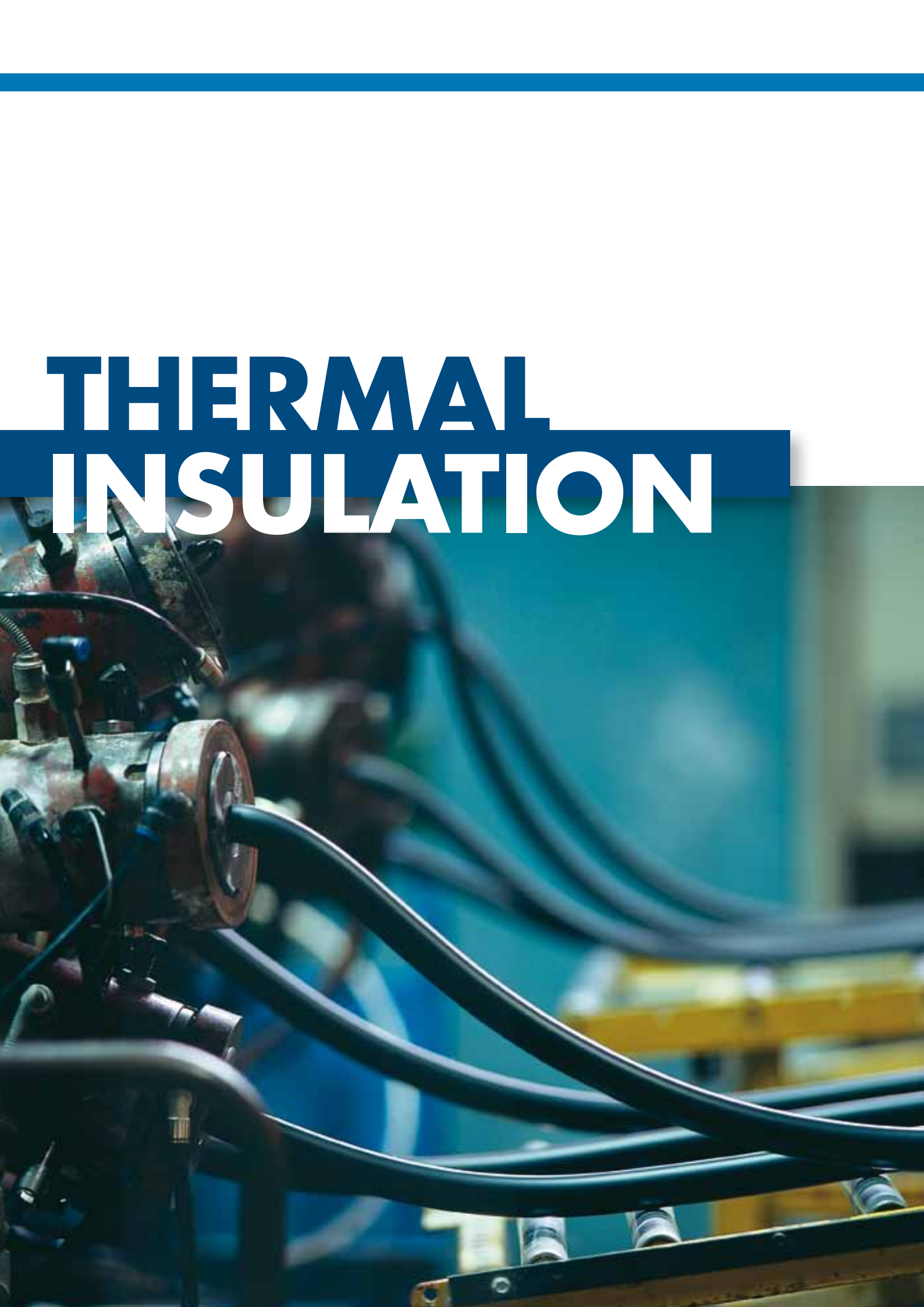
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FIELDS OF APPLICATION LEGEND



THERMAL INSULATION

The background image shows a close-up of industrial machinery. On the left, there's a complex assembly of metal parts, including a large cylindrical component with various pipes and valves. Several thick, black, flexible hoses or cables are connected to the machinery and curve across the foreground. The background is a blurred industrial setting with blue and yellow elements, suggesting a factory or workshop environment. The overall lighting is somewhat dim, with highlights on the metallic surfaces.

EUROBATEX®

CFC and HCFC-free, GWP zero Flexible Elastomeric thermal insulation complying with the European Standard EN 14304. Available in form of **tubes, sheets, coils and self-adhesive tapes**, **EUROBATEX®** is a closed cell, integral vapour barrier material with a high emissivity surface making it the ideal product for condensation control on refrigeration, air conditioning and dual temperature services. It also has a **s2 smoke Classification** according to EN 13501-1 reaction to fire test for pipes and tapes. Thanks to its low thermal conductivity, EUROBATEX ensure, also at lower thicknesses, energy conservation, temperature control, personal protection or frost protection.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Building



Refrigeration



Heating & Plumbing



Oil & Gas

EUROBATEX®



TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF)
PRODUCT RANGE:	Tubes in pipe sections (also in self-adhesive version) and coils with thicknesses from 6 mm to 60 mm and diameters from 6 mm to 170 mm. Flat sheets or rolls (also in self-adhesive version) with thicknesses from 6 mm to 60 mm. Tapes with a thickness of 3 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications
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). Environmental Product Declaration: registration number EPDITALY0093, released on 21/02/2020, 5 years validity, UNCPC code 3623
ADDITIONAL INFORMATION:	Self-adhesive material: acrylate based adhesive coating reinforced with mesh structure. Protection liner made of polyolefin or paper 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 when stored. Self-adhesive 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 / EN 14707
THERMAL CONDUCTIVITY	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 Tapes: $\lambda \leq 0,033$ 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 Tapes: $\lambda \leq 0,037$ W/m·K	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	Tubes thk. ≤19 mm: $\mu \geq 10000$ Sheets thk. ≤25 mm: $\mu \geq 10000$ Tapes: $\mu \geq 10000$ Tubes thk. ≥25 mm: $\mu \geq 7000$ Sheets thk. ≥30 mm: $\mu \geq 7000$		EN 13469 / EN 12086
WATER ABSORPTION	<0,1 kg/m²		EN 13472 / EN 1609
FIRE PERFORMANCE	European Standard Euroclass	Tubes: B _s -s2,d0 Sheets: B-s3,d0 Sheets 60 mm: E Sheets for linear application ¹ : B _s -s2,d0 Tapes: B-s2,d0	EN 13501-1
	FM Approval	FM Approved Class 4924 Product Type: Pipe and Duct insulation	Test Procedure Class Number 4924 UCB Standard No. 26-3
	UK Fire propagation Surface spread of flame Building Regulations	i1 ≤ 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 Flame Class V-0, HF-1 - thk. 3 mm	UL 94 UL 746 A - UL 746 B
	Shipyards (MED)	Meets test requirements	IMO Res. MSC.307(88); IMO MSC/Circ. 1004 (Directive MED 2014/90/UE Modules B and D)
	Swiss Reaction to Fire group	Tubes: RF2 Sheets: RF2 (cr)	VKF Directive 13-15
ANTIMICROBIAL BEHAVIOUR	No fungal and bacterial growth detected		A.A.T.C.C. Test Method 30 ISO 22196
CORROSION RISK	Meets test requirements		EN 13468

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

¹: up to a maximum outer insulation diameter of 300 mm. Maximum insulation thickness available: 32 mm.

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

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

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.

The product meets the requirements for the achievement of the Eco-Bau classification.

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

All the normatives quoted in this document are updated to the latest issued versions.

Ultra-Fresh is a registered trademark of Thomson Research Associates, Inc.

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

EUROBATEX®

PIPE SECTIONS 2 m LENGTH

Copper pipe		Steel pipe			PE/PP/PVC pipes	Thickness 6 mm		Thickness 9 mm		Thickness 13 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	DN	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
6						06 - 06EUR 0	496	09 - 06EUR 0	352	13 - 06EUR 0	220
8						06 - 08EUR 0	432	09 - 08EUR 0	300	13 - 08EUR 0	210
10	3/8	10,2	6	1/8		06 - 10EUR 0	364	09 - 10EUR 0	266	13 - 10EUR 0	172
12	1/2				12	06 - 12EUR 0	316	09 - 12EUR 0	234	13 - 12EUR 0	162
14		13,5	8	1/4		06 - 14EUR 0*	266	09 - 14EUR 0*	192	13 - 14EUR 0*	136
15	5/8				16	06 - 15EUR 0	266	09 - 15EUR 0	192	13 - 15EUR 0	136
18		17,2	10	3/8		06 - 18EUR 0	220	09 - 18EUR 0	166	13 - 18EUR 0	118
20	3/4				20	06 - 20EUR 0*	180	09 - 20EUR 0*	136	13 - 20EUR 0*	98
22	7/8	21,3	15	1/2		06 - 22EUR 0	180	09 - 22EUR 0	136	13 - 22EUR 0	98
25	1				25	06 - 25EUR 0*	152	09 - 25EUR 0*	108	13 - 25EUR 0*	80
28	1 1/8	26,9	20	3/4		06 - 28EUR 0	130	09 - 28EUR 0	98	13 - 28EUR 0	78
35	1 3/8	33,7	25	1		06 - 35EUR 0	100	09 - 35EUR 0	76	13 - 35EUR 0	58
38								09 - 38EUR 0*	66	13 - 38EUR 0*	50
42	1 5/8	42,4	32	1 1/4		06 - 42EUR 0	90	09 - 42EUR 0	60	13 - 42EUR 0	48
48		48,3	40	1 1/2				09 - 48EUR 0	50	13 - 48EUR 0	40
54	2 1/8							09 - 54EUR 0	46	13 - 54EUR 0	34
57								09 - 57EUR 0*	46	13 - 57EUR 0*	32
60		60,3	50	2				09 - 60EUR 0	46	13 - 60EUR 0	32
64								09 - 64EUR 0*	46	13 - 64EUR 0*	30
70								09 - 70EUR 0	40	13 - 70EUR 0	26
76,1		76,1	65	2 1/2				09 - 76EUR 0	40	13 - 76EUR 0	26
80								09 - 80EUR 0*	36	13 - 80EUR 0*	24
88,9		88,9	80	3				09 - 90EUR 0	36	13 - 90EUR 0	24
101								09 - 101EUR 0	22	13 - 101EUR 0	16
108								09 - 108EUR 0*	22	13 - 108EUR 0*	16
114		114,3	100	4				09 - 114EUR 0	22	13 - 114EUR 0	16
127										13 - 127EUR 0*	12
133										13 - 133EUR 0*	12
140		139,7	125	5						13 - 139EUR 0*	12
159										13 - 160EUR 0*	12
168		168,3	150	6						13 - 168EUR 0*	10

* Made to order

Different thicknesses and diameters available on request

Packaging dimensions:
(volume = 0,27 m³)



Pallet dimensions:

120 x 210 x 276 cm
Volume = 6,95 m³
Box/pallet = 24

120 x 210 x 243 cm
Volume = 6,12 m³
Box/pallet = 21



EUROBATEX®

PIPE SECTIONS 2 m LENGTH

Copper pipe		Steel pipe			PE/PP/PVC pipes	Thickness 19 mm		Thickness 25 mm		Thickness 32 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	DN	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
10	3/8	10,2	6	1/8		19 - 10EUR 0	98				
12	1/2				12	19 - 12EUR 0	88				
14		13,5	8	1/4		19 - 14EUR 0*	78				
15	5/8				16	19 - 15EUR 0	78				
18		17,2	10	3/8		19 - 18EUR 0	72	25 - 18EUR 0	50	32 - 18EUR 0	32
20	3/4				20	19 - 20EUR 0*	66				
22	7/8	21,3	15	1/2		19 - 22EUR 0	64	25 - 22EUR 0	42	32 - 22EUR 0	32
25	1				25	19 - 25EUR 0*	50				
28	1 1/8	26,9	20	3/4		19 - 28EUR 0	48	25 - 28EUR 0	40	32 - 28EUR 0	24
35	1 3/8	33,7	25	1		19 - 35EUR 0	44	25 - 35EUR 0	32	32 - 35EUR 0	24
38						19 - 38EUR 0*	40				
42	1 5/8	42,4	32	1 1/4		19 - 42EUR 0	40	25 - 42EUR 0	26	32 - 42EUR 0	20
48		48,3	40	1 1/2		19 - 48EUR 0	32	25 - 48EUR 0	22	32 - 48EUR 0	18
54	2 1/8					19 - 54EUR 0	32	25 - 54EUR 0	22	32 - 54EUR 0	14
57						19 - 57EUR 0*	28				
60		60,3	50	2		19 - 60EUR 0	28	25 - 60EUR 0	18	32 - 60EUR 0	14
64						19 - 64EUR 0*	24	25 - 64EUR 0*	18	32 - 64EUR 0*	14
70						19 - 70EUR 0	22	25 - 70EUR 0	16	32 - 70EUR 0	10
76,1		76,1	65	2 1/2		19 - 76EUR 0	20	25 - 76EUR 0	16	32 - 76EUR 0	10
80						19 - 80EUR 0*	20	25 - 80EUR 0*	16	32 - 80EUR 0*	10
88,9		88,9	80	3		19 - 90EUR 0	16	25 - 90EUR 0	12	32 - 90EUR 0	10
101						19 - 101EUR 0	16	25 - 101EUR 0	10	32 - 101EUR 0	8
108						19 - 108EUR 0*	16	25 - 108EUR 0*	10	32 - 108EUR 0*	8
114		114,3	100	4		19 - 114EUR 0	14	25 - 114EUR 0	10	32 - 114EUR 0	8
127						19 - 127EUR 0*	10				
133						19 - 133EUR 0*	8	25 - 133EUR 0*	6	32 - 133EUR 0*	6
140		139,7	125	5		19 - 139EUR 0*	8	25 - 139EUR 0*	6	32 - 139EUR 0*	6
159						19 - 160EUR 0*	8	25 - 160EUR 0*	4	32 - 160EUR 0*	4
168		168,3	150	6		19 - 168EUR 0*	8	25 - 168EUR 0*	4	32 - 168EUR 0*	4

* Made to order

Different thicknesses and diameters available on request

Packaging dimensions:
(volume = 0,27 m³)



Pallet dimensions:

120 x 210 x 276 cm
Volume = 6,95 m³
Box/pallet = 24

120 x 210 x 243 cm
Volume = 6,12 m³
Box/pallet = 21



EUROBATEX®

CONTINUOUS ROLLS 1000 mm WIDTH

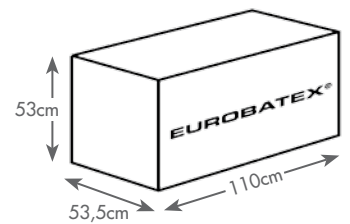
SELF-ADHESIVE

Item No.	Thickness mm	m ² /box
06EUR R	6	30
10EUR R	10	20
13EUR R	13	14
16EUR R	16	12
19EUR R	19	10
25EUR R	25	8
32EUR R	32	6
40EUR R	40	4
50EUR R	50	4
60EUR R*	60	3

* Made to order
1 x 2 m or 0,5 x 2 m plate versions available on request.

Item No.	Thickness mm	m ² /box
06EUR R ADR	6	30
10EUR R ADR	10	20
13EUR R ADR	13	14
16EUR R ADR	16	12
19EUR R ADR	19	10
25EUR R ADR	25	8
32EUR R ADR	32	6
40EUR R ADR	40	4
50EUR R ADR	50	4
60EUR R ADR*	60	3

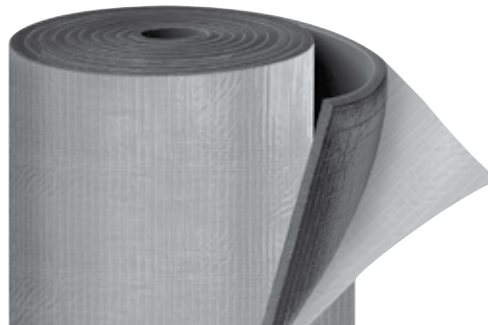
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



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



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



EUROBATEX® GLASTEC

EUROBATEX sheets and pipes covered with GLASTEC, an aluminium and mineral fibre based jacketing with a black or white external finish of high resistance against mechanical abuse and UV radiation.

This product is an ideal solution for the thermal insulation of air conditioning ducts and heating & plumbing systems in both industrial and civil applications. Thanks to its **excellent fire performance B_{L-s}1,d0** for pipes and **B-s2,d0** for sheets, it is particularly indicated where high safety standards are required.

The product is also ideal for railway applications, achieving HL3/R1 hazard level according to EN 45545.

APPLICATIONS FIELDS



Industrial



Refrigeration



Building



Railways



Heating & Plumbing



Oil & Gas



Air Conditioning



Outdoor applications

EUROBATEX® GLASTEC

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) coupled with aluminium foil and mineral fibre material of black or white colour
PRODUCT RANGE:	Self-adhesive pipe sections of 1 m with thicknesses from 13 mm to 25 mm and diameters from 14 mm to 170 mm. Sheets in rolls (also in self-adhesive version) with thicknesses from 6 mm to 32 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications
DIMENSIONAL TOLERANCES:	In accordance with the European Standard EN 14304
ENVIRONMENTAL INFORMATION:	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)
ADDITIONAL INFORMATION:	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
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 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 / EN 14707
THERMAL CONDUCTIVITY	At a mean temperature of 0 °C	$\lambda \leq 0,033 \text{ W/m-K}$	EN 12667 / EN ISO 8497
	At a mean temperature of +40 °C	$\lambda \leq 0,037 \text{ W/m-K}$	
WATER VAPOUR DIFFUSION RESISTANT FACTOR	$\mu \geq 10000$		EN 13469 / EN 12086
FIRE PERFORMANCE	European Standard Euroclass	Tubes: B _L -s1,d0 Sheets: B-s2,d0	EN 13501-1
RAILWAYS	HL-3/R1		EN 45545
UV RESISTANCE	Excellent		UNI ISO 4892-2
CORROSION RISK	Meets test requirements		EN 13468

CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	REFERENCE VALUES
THICKNESS	$\approx 200 \mu\text{m}$
WEIGHT	$\approx 250 \text{ g/m}^2$
External finishing colour: black or white	

*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.

EUROBATEX® GLASTEC - Black coloured external finishing

PRE-CUT, SELF-ADHESIVE PIPE SECTIONS 1m LENGTH

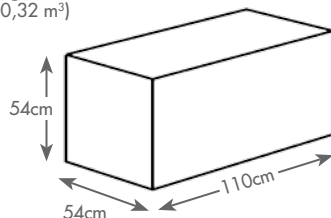
Copper pipe		Steel pipe			Thickness 13 mm		Thickness 19 mm		Thickness 25 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
14		13,5	8	1/4	13 - 15EUR 0 GLAS	136	19 - 15EUR 0 GLAS	78		
18		17,2	10	3/8	13 - 18EUR 0 GLAS	118	19 - 18EUR 0 GLAS	72	25 - 18EUR 0 GLAS	50
22	7/8	21,3	15	1/2	13 - 22EUR 0 GLAS	98	19 - 22EUR 0 GLAS	64	25 - 22EUR 0 GLAS	42
28	1 1/8	26,9	20	3/4	13 - 28EUR 0 GLAS	78	19 - 28EUR 0 GLAS	48	25 - 28EUR 0 GLAS	40
35	1 3/8	33,7	25	1	13 - 35EUR 0 GLAS	58	19 - 35EUR 0 GLAS	44	25 - 35EUR 0 GLAS	32
42	1 5/8	42,4	32	1 1/4	13 - 42EUR 0 GLAS	48	19 - 42EUR 0 GLAS	40	25 - 42EUR 0 GLAS	26
48		48,3	40	1 1/2	13 - 48EUR 0 GLAS	40	19 - 48EUR 0 GLAS	32	25 - 48EUR 0 GLAS	22
54	2 1/8				13 - 54EUR 0 GLAS	34	19 - 54EUR 0 GLAS	32	25 - 54EUR 0 GLAS	22
60		60,3	50	2	13 - 60EUR 0 GLAS	32	19 - 60EUR 0 GLAS	28	25 - 60EUR 0 GLAS	18
76,1		76,1	65	2 1/2	13 - 76EUR 0 GLAS	26	19 - 76EUR 0 GLAS	20	25 - 76EUR 0 GLAS	16
88,9		88,9	80	3	13 - 90EUR 0 GLAS	24	19 - 90EUR 0 GLAS	16	25 - 90EUR 0 GLAS	12
101					13 - 101EUR 0 GLAS	24	19 - 101EUR 0 GLAS	16	25 - 101EUR 0 GLAS	10
114		114,3	100	4	13 - 114EUR 0 GLAS	16	19 - 114EUR 0 GLAS	14	25 - 114EUR 0 GLAS	10
127					13 - 127EUR 0 GLAS	12	19 - 127EUR 0 GLAS	10	25 - 127EUR 0 GLAS	6
140		139,7	125	5	13 - 139EUR 0 GLAS	12	19 - 139EUR 0 GLAS	8	25 - 139EUR 0 GLAS	4

Product not in stock, available on request.

Different diameters available on request.

For white colour external finishing please contact our customer service.

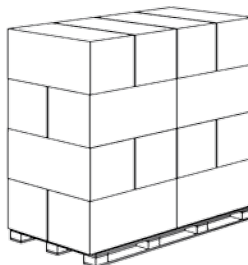
Packaging dimensions:
(volume = 0,32 m³)



Pallet dimensions:

120 x 210 x 282 cm
Volume = 7,10 m³
Box/pallet = 20

120 x 210 x 228 cm
Volume = 5,74 m³
Box/pallet = 16



CONTINUOUS ROLLS 1000 mm WIDTH

SELF-ADHESIVE

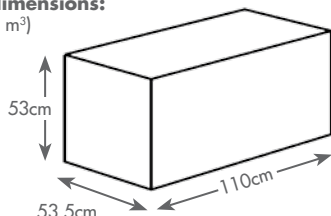
Item No.	Thickness mm	m²/box
06EUR R GLAS N	6	30
10EUR R GLAS N	10	20
13EUR R GLAS N	13	14
19EUR R GLAS N	19	10
25EUR R GLAS N	25	8
32EUR R GLAS N	32	6

Item No.	Thickness mm	m²/box
06EUR R GLAS N ADR	6	30
10EUR R GLAS N ADR	10	20
13EUR R GLAS N ADR	13	14
19EUR R GLAS N ADR	19	10
25EUR R GLAS N ADR	25	8
32EUR R GLAS N ADR	32	6

Product not in stock, available on request.

For white colour external finishing please contact our customer service.

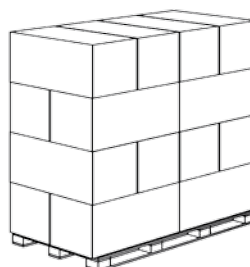
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



EUROBATEX® GLASTEC - Black coloured external finishing **CONTINUOUS ROLLS 1500 mm WIDTH**

SELF-ADHESIVE

Item No.	Thickness mm	m ² /box
06EUR RH1,5 GLAS N	6	45
08EUR RH1,5 GLAS N	8	37,5
10EUR RH1,5 GLAS N	10	30
12EUR RH1,5 GLAS N	12	22,5
15EUR RH1,5 GLAS N	15	18
20EUR RH1,5 GLAS N	20	15
25EUR RH1,5 GLAS N	25	12
30EUR RH1,5 GLAS N	30	9

Item No.	Thickness mm	m ² /box
06EUR RH1,5 GLAS N ADR	6	45
08EUR RH1,5 GLAS N ADR	8	37,5
10EUR RH1,5 GLAS N ADR	10	30
12EUR RH1,5 GLAS N ADR	12	22,5
15EUR RH1,5 GLAS N ADR	15	18
20EUR RH1,5 GLAS N ADR	20	15
25EUR RH1,5 GLAS N ADR	25	12
30EUR RH1,5 GLAS N ADR	30	9

Product not in stock, available on request.

For white colour external finishing please contact our customer service.

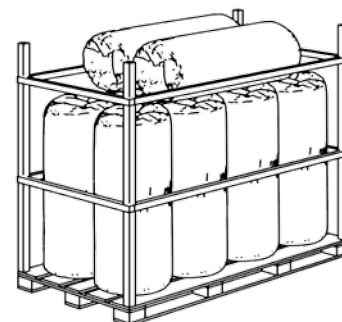


Single
packaging:



Pallet dimensions:

100 x 210 x 210 cm
Volume = 4,41 m³
Bags/pallet = 10



GLASTEC - SELF-ADHESIVE TAPE

Item No.	Description	pcs/ct
NC GLAS N 50x25	black adhesive tape, width 50 mm x 25 m length	loose
NC GLAS N 75x25	black adhesive tape, width 75 mm x 25 m length	loose
NC GLAS N 100x25	black adhesive tape, width 100 mm x 25 m length	loose



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



EUROBATEX® R

CFC and HCFC-free insulation tubes in flexible expanded rubber foam (FEF) compliant to the European Standard EN 14304. These tubes are protected by a **scratch, "pecking" and UV resistant external film** of white colour (black on demand). They are suitable for the thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications and for all external applications within their temperature range.

APPLICATIONS FIELDS



Industrial



Refrigeration



Building



Oil & Gas



Heating & Plumbing



Outdoor applications



Air Conditioning

EUROBATEX® R

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) covered with a white thermoplastic film (black on demand)
PRODUCT RANGE:	Tubes in pipe section with thicknesses from 9 mm to 19 mm and diameters from 12 mm to 48 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications. Suitable also for external applications
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)
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 when stored. Tubes 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 14707
THERMAL CONDUCTIVITY	At a mean temperature of 0 °C At a mean temperature of +40 °C	$\lambda \leq 0,033 \text{ W/m-K}$ $\lambda \leq 0,037 \text{ W/m-K}$	EN ISO 8497
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 13469
FIRE PERFORMANCE	European Standard Euroclass	E _L	EN 13501-1
OZONE RESISTANCE	Meets test requirements		ISO 7326
UV RESISTANCE	Meets test requirements		UNI ISO 4892-2

*NB: for applications at lower temperature please contact our technical department.
For information regarding the chemical resistance of the product please consult the specific technical documentation.

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® R - White coloured protective film

PIPE SECTIONS 2 m LENGTH

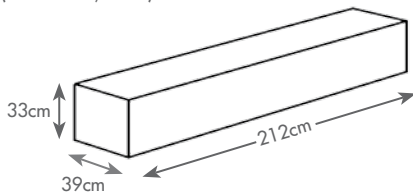
Copper pipe		Steel pipe			PE/PP/PVC pipes	Thickness 9 mm		Thickness 13 mm		Thickness 19 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	DN	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
12	1/2				12	09 - 12EURRB	170	13 - 12EURRB	120	19 - 12EURRB	70
15	5/8				16	09 - 16EURRB	140	13 - 15EURRB	100	19 - 15EURRB	50
18		17,2	10	3/8		09 - 18EURRB	130	13 - 18EURRB	90	19 - 18EURRB	50
22	7/8	21,3	15	1/2		09 - 22EURRB	100	13 - 22EURRB	70	19 - 22EURRB	44
28	1 1/8	26,9	20	3/4		09 - 28EURRB	80	13 - 28EURRB	60	19 - 28EURRB	40
35	1 3/8	33,7	25	1		09 - 35EURRB	60	13 - 35EURRB	44	19 - 35EURRB	30
42	1 5/8	42,4	32	1 1/4				13 - 42EURRB	36	19 - 42EURRB	24
48		48,3	40	1 1/2						19 - 48EURRB	22

Different thicknesses and diameters available on request.

Pipes with black film not in stock, produced on request and based on minimum purchasing quantities.

Packaging dimensions:

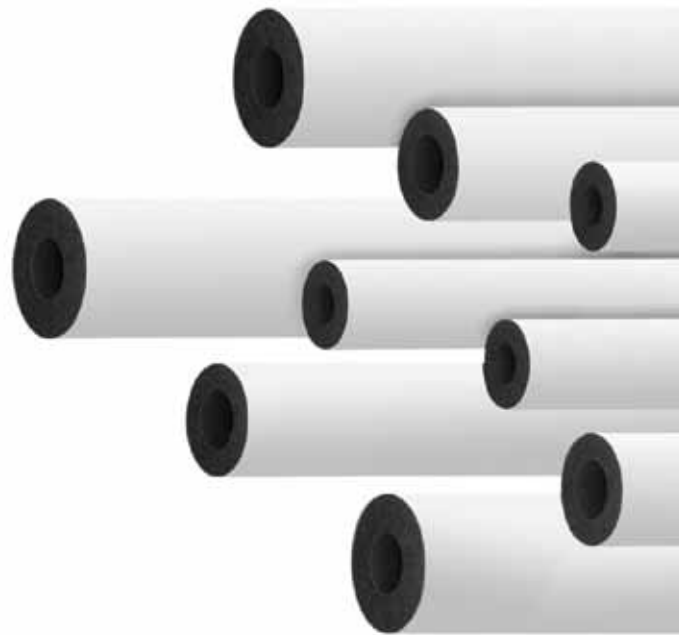
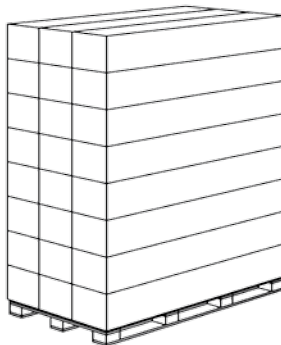
(volume = 0,27 m³)



Pallet dimensions:

120 x 210 x 276 cm
Volume = 6,95 m³
Box/pallet = 24

120 x 210 x 243 cm
Volume = 6,12 m³
Box/pallet = 21



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



EUROBATEX® AT

CFC and HCFC-free, GWP zero Flexible Elastomeric thermal insulation complying with the European Standard EN 14304. Available in form of tubes, sheets, coils and self-adhesive tapes, EUROBATEX AT is a closed cell, flexible material with a high emissivity surface. Based upon a different polymer than EUROBATEX, it is suitable for **continuous use at 150 °C** and **can be used outdoors without protection**. The major use of EUROBATEX AT is on Solar Heating pipeworks but it is also a versatile and useful option for energy conservation and personnel protection in commercial, industrial and institutional applications. EUROBATEX AT is PVC free, which makes it suitable for use on **Austenitic Stainless Steel** pipework. EUROBATEX AT **tubes are talc injected** to reduce friction and ensure easier installation.

APPLICATIONS FIELDS



Industrial



Refrigeration



Building



Solar / High temperature



Heating & Plumbing



Outdoor applications



Air Conditioning

EUROBATEX® AT

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF)
PRODUCT RANGE:	Tubes in pipe section and coils with thicknesses from 6 mm to 32 mm and diameters from 10 mm to 114 mm. Sheets in rolls (also in self-adhesive version) with thicknesses from 6 mm to 32 mm. Tapes with a thickness of 3 mm
FIELDS OF APPLICATION:	Thermal insulation of solar heating pipeworks and systems with high operating temperature. Suitable for air conditioning, refrigeration and heating & plumbing services when UV resistant insulation material is required
DIMENSIONAL TOLERANCES:	In accordance with the European Standard EN 14304
ENVIRONMENTAL INFORMATION:	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)
ADDITIONAL INFORMATION:	Self-adhesive material: acrylate based adhesive coating available plain or reinforced with mesh structure. Protection liner made of polyolefin or paper 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 when stored. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE*	-45 °C +150 °C		EN 14707 / EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of +40 °C	$\lambda \leq 0,042 \text{ W/m}\cdot\text{K}$	EN 12667 / EN ISO 8497
WATER ABSORPTION	< 0,1 kg/m²		EN 13472 / EN 1609
FIRE PERFORMANCE	European Standard Euroclass	E	EN 13501-1
OZONE RESISTANCE	Excellent		ISO 7326
UV RESISTANCE	Excellent		UNI ISO 4892-2
CORROSION RISK	Meets test requirements		EN 13468

*NB: for applications 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 standard is +100 °C. For applications at higher temperatures please contact our technical department.
 For tapes the maximum operating temperature is +120 °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® AT

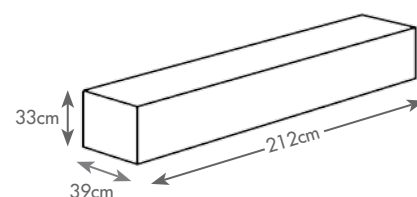
PIPE SECTIONS 2 m LENGTH

Copper pipe		Steel pipe			Thickness 9 mm		Thickness 13 mm		Thickness 19 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
15	5/8				09 - 15EURAT	140	13 - 15EURAT	100	19 - 15EURAT	60
18		17,2	10	3/8	09 - 18EURAT	130	13 - 18EURAT	90	19 - 18EURAT	60
22	7/8	21,3	15	1/2	09 - 22EURAT	100	13 - 22EURAT	70	19 - 22EURAT	44
28	1 1/8	26,9	20	3/4	09 - 28EURAT	80	13 - 28EURAT	60	19 - 28EURAT	40
35	1 3/8	33,7	25	1	09 - 35EURAT	60	13 - 35EURAT	44	19 - 35EURAT	30
42	1 5/8	42,4	32	1 1/4	09 - 42EURAT	50	13 - 42EURAT	36	19 - 42EURAT	24
48		48,3	40	1 1/2	09 - 48EURAT	42	13 - 48EURAT	30	19 - 48EURAT	22
54	2 1/8				09 - 54EURAT	36	13 - 54EURAT	26	19 - 54EURAT	18
60		60,3	50	2	09 - 60EURAT	32	13 - 60EURAT	24	19 - 60EURAT	18
64					09 - 64EURAT*	32	13 - 64EURAT*	22	19 - 64EURAT*	16
67					09 - 67EURAT*	32	13 - 67EURAT*	22	19 - 67EURAT*	14
70					09 - 70EURAT*	30	13 - 70EURAT*	20	19 - 70EURAT	14
76,1		76,1	65	2 1/2	09 - 76EURAT	28	13 - 76EURAT	16	19 - 76EURAT	14
80							13 - 80EURAT*	16	19 - 80EURAT*	14
88,9		88,9	80	3	09 - 89EURAT	22	13 - 89EURAT	16	19 - 89EURAT	12
101							13 - 101EURAT*	16	19 - 101EURAT*	12
108					09 - 108EURAT*	20	13 - 108EURAT*	16	19 - 108EURAT*	12
114		114,3	100	4	09 - 114EURAT	18	13 - 114EURAT	16	19 - 114EURAT	8

Copper pipe		Steel pipe			Thickness 25 mm		Thickness 32 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
15	5/8				25 - 15EURAT	30		
18		17,2	10	3/8	25 - 18EURAT	30		
22	7/8	21,3	15	1/2	25 - 22EURAT	26	32 - 22EURAT*	24
28	1 1/8	26,9	20	3/4	25 - 28EURAT	20	32 - 28EURAT*	22
35	1 3/8	33,7	25	1	25 - 35EURAT	16	32 - 35EURAT*	16
42	1 5/8	42,4	32	1 1/4	25 - 42EURAT	16	32 - 42EURAT*	16
48		48,3	40	1 1/2	25 - 48EURAT	16	32 - 48EURAT*	12
54	2 1/8				25 - 54EURAT	12	32 - 54EURAT*	12
57					25 - 57EURAT*	12	32 - 57EURAT*	12
60		60,3	50	2	25 - 60EURAT	12	32 - 60EURAT*	12
64					25 - 64EURAT*	12	32 - 64EURAT*	10
67					25 - 67EURAT*	12	32 - 67EURAT*	10
70					25 - 70EURAT*	12	32 - 70EURAT*	10
76,1		76,1	65	2 1/2	25 - 76EURAT	8	32 - 76EURAT*	10
80					25 - 80EURAT*	8	32 - 80EURAT*	8
88,9		88,9	80	3	25 - 89EURAT	8	32 - 89EURAT*	8
101					25 - 101EURAT*	8	32 - 101EURAT*	8
108					25 - 108EURAT*	8	32 - 108EURAT*	6
114		114,3	100	4	25 - 114EURAT*	8	32 - 114EURAT*	6



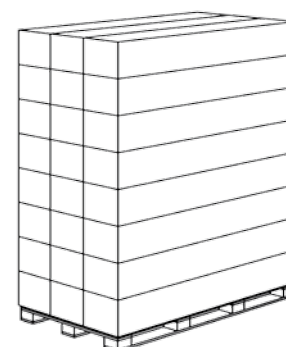
Packaging dimensions:
(volume = 0,27 m³)



Pallet dimensions:

120 x 210 x 276 cm
Volume = 6,95 m³
Box/pallet = 24

120 x 210 x 243 cm
Volume = 6,12 m³
Box/pallet = 21



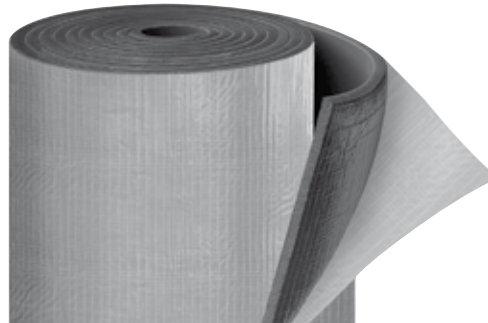
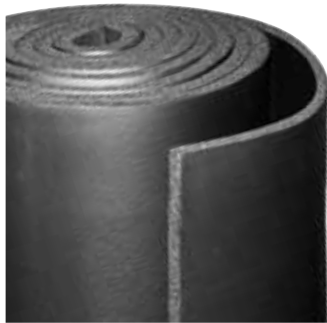
*Made to order.
Different thicknesses and diameters available on request.
Tubes in coil version not in stock, available on request.

EUROBATEX® AT **CONTINUOUS ROLLS 1000 mm WIDTH**

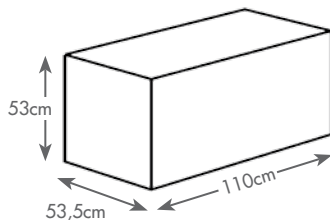
SELF-ADHESIVE

Item No.	Thickness mm	m ² /box
06EUATR	6	30
10EUATR	10	20
13EUATR	13	14
19EUATR	19	10
25EUATR	25	8
32EUATR	32	6

Item No.	Thickness mm	m ² /box
06EUATR ADR	6	30
10EUATR ADR	10	20
13EUATR ADR	13	14
19EUATR ADR	19	10
25EUATR ADR	25	8
32EUATR ADR	32	6



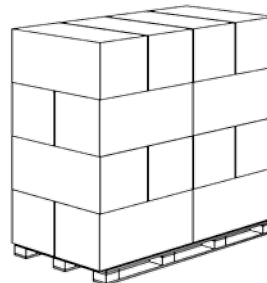
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



EUROBATEX® AT - SELF-ADHESIVE TAPE

Item No.	Description	pcs/ct
FPX 15 R AT ITG	thickness 3 mm x 50 mm width - 15 m length	12



CNX AT 1 ADHESIVE

Resistant to temperature up to +150 °C

Item No.	Description	pcs/ct
CNX 425 AT1	425 g - 500 ml tin	24



EUROBATEX® HF

EUROBATEX HF is a **halogen free** flexible expanded rubber foam (FEF) which conform to the European Standard EN 14304. CFC, HCFC, halogen and PVC-free insulation tubes, sheets and tapes for the thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications, especially wherever a **high standard of safety** is required (hospitals, pharmaceutical plants, public entertainment locations, airports, public offices, **ships and trains**).
Suitable for continuous use at **+130 °C**.

APPLICATIONS FIELDS



Industrial



Refrigeration



Building



Marine



Heating & Plumbing



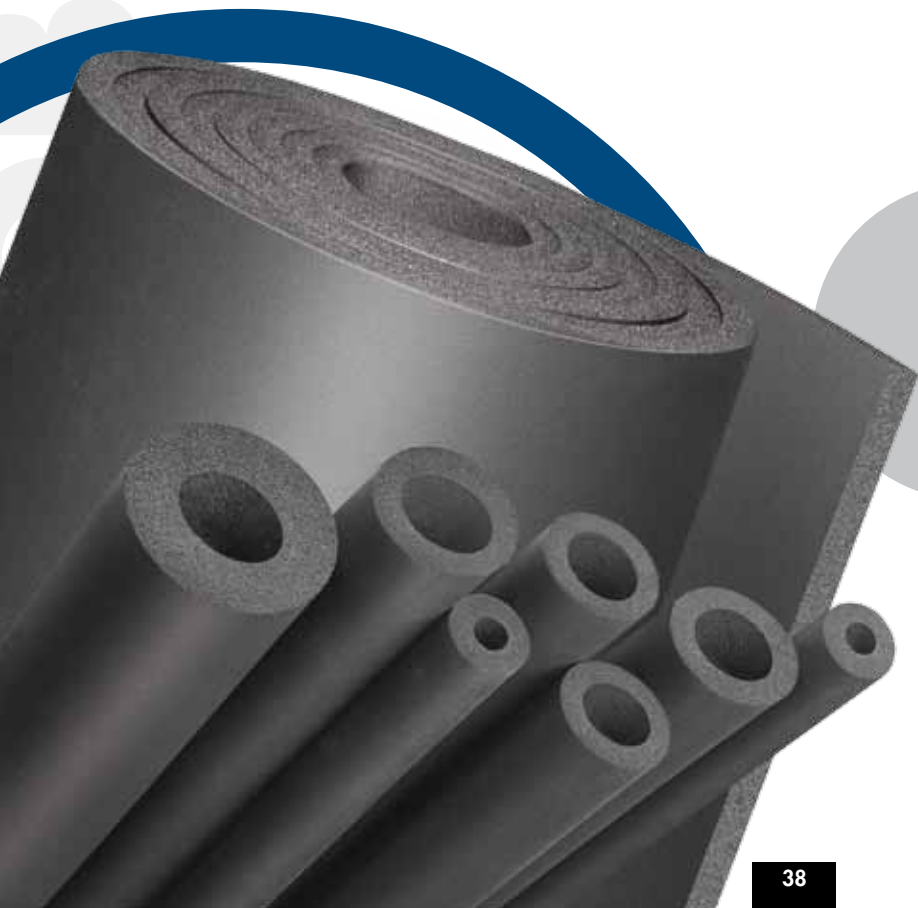
Railways



Air Conditioning



Oil & Gas



EUROBATEX® HF



TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) without halogens (Chlorine, Bromine, Fluorine) and PVC
PRODUCT RANGE:	Tubes in pipe sections (also in self-adhesive version) with thicknesses from 13 mm to 32 mm and diameters from 10 mm to 139 mm. Sheets in roll (also in self-adhesive version) with thicknesses from 6 mm to 32 mm. Tapes with a thickness of 3 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration and air conditioning services in commercial, industrial and domestic applications. Especially suitable for naval, rail and civil applications when high safety standards in case of fire are required
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). Environmental Product Declaration: registration number EPDITALY0112, released on 23/01/2021, 5 years validity, UNCPD code 3623
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 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. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE*	-45 °C +130 °C		EN 14706 / EN 14707
THERMAL CONDUCTIVITY	At a mean temperature of +40 °C	$\lambda \leq 0,040 \text{ W/m-K}$	EN 12667 / EN ISO 8497
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 2000$		EN 13469 / EN 12086
WATER ABSORPTION	$< 0,1 \text{ kg/m}^2$		EN 13472 / EN 1609
FIRE PERFORMANCE	European Standard Euroclass	Tubes: D _L -s2,d0 Sheets thk. 6-25 mm: D-s3,d0 Sheets thk. 32 mm: E Sheets for linear application ¹ : D _L -s2,d0 Tapes: D-s3,d0	EN 13501-1
	USA, Canada	UL Approved Flame Class: HF-1	UL 94 UL 746 A, UL 746 B
	Swiss Reaction to Fire group	Tubes: RF3 Sheets: RF3 (cr)	VKF Directive 13-15
RAILWAYS	HL-1/R1 (low emissions, low toxicity in case of fire)		EN 45545
SHIPYARDS (MED) TYPE APPROVAL: RINA, LLOYD'S REGISTER	Meets test requirements		IMO Res. MSC.307(88); IMO MSC/Circ. 1004 (MED 2014/90/EU Module B and D)
CORROSION RISK	Meets test requirements		EN 13468

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

¹: up to a maximum outer insulation diameter of 300 mm. Maximum insulation thickness available: 32 mm.

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

For tapes the maximum operating temperature is +120 °C.

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

System 3 CE Marking in accordance with the European Standard EN 14304.

The product meets the requirements for the achievement of the Baubook and Eco-Bau classification.

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

Before installation, please refer to EUROBATEX HF's installation advices, available on our website (download area).

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® HF - HALOGEN FREE

PIPE SECTIONS 2 m LENGTH

Copper pipe		Steel pipe			Thickness 13 mm		Thickness 19 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
10	3/8	10,2	6	1/8	13 - 10EURHF	172	19 - 10EURHF	98
12	1/2				13 - 12EURHF	162	19 - 12EURHF	88
15	5/8				13 - 15EURHF	136	19 - 15EURHF	78
18		17,2	10	3/8	13 - 18EURHF	118	19 - 18EURHF	72
22	7/8	21,3	15	1/2	13 - 22EURHF	98	19 - 22EURHF	64
28	1 1/8	26,9	20	3/4	13 - 28EURHF	78	19 - 28EURHF	48
35	1 3/8	33,7	25	1	13 - 35EURHF	58	19 - 35EURHF	40
42	1 5/8	42,4	32	1 1/4	13 - 42EURHF	48	19 - 42EURHF	40
48		48,3	40	1 1/2	13 - 48EURHF	40	19 - 48EURHF	32
54	2 1/8				13 - 54EURHF	34	19 - 54EURHF	32
60		60,3	50	2	13 - 60EURHF	32	19 - 60EURHF	28
76,1		76,1	65	2 1/2	13 - 76EURHF	26	19 - 76EURHF	20
88,9		88,9	80	3	13 - 89EURHF	24	19 - 89EURHF	16
114		114,3	100	4	13 - 114EURHF*	16	19 - 114EURHF*	14
140		139,7	125	5	13 - 139EURHF*	12	19 - 139EURHF*	8

Copper pipe		Steel pipe			Thickness 25 mm		Thickness 32 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
18		17,2	10	3/8	25 - 18EURHF	50	32 - 18EURHF	32
22	7/8	21,3	15	1/2	25 - 22EURHF	42	32 - 22EURHF	32
28	1 1/8	26,9	20	3/4	25 - 28EURHF	40	32 - 28EURHF	24
35	1 3/8	33,7	25	1	25 - 35EURHF	32	32 - 35EURHF	24
42	1 5/8	42,4	32	1 1/4	25 - 42EURHF	26	32 - 42EURHF	18
48		48,3	40	1 1/2	25 - 48EURHF	22	32 - 48EURHF	18
54	2 1/8				25 - 54EURHF	22	32 - 54EURHF	14
60		60,3	50	2	25 - 60EURHF	18	32 - 60EURHF	14
76,1		76,1	65	2 1/2	25 - 76EURHF	16	32 - 76EURHF	10
88,9		88,9	80	3	25 - 89EURHF	12	32 - 89EURHF	10
114		114,3	100	4	25 - 114EURHF*	10	32 - 114EURHF*	8
140		139,7	125	5	25 - 139EURHF*	6	32 - 139EURHF*	6

* Made to order.

Different thicknesses and diameters available on request.

Pallet dimensions:

120 x 210 x 276 cm
Volume = 6,95 m³
Box/pallet = 24

120 x 210 x 243 cm
Volume = 6,12 m³
Box/pallet = 21



Packaging dimensions:
(volume = 0,27 m³)

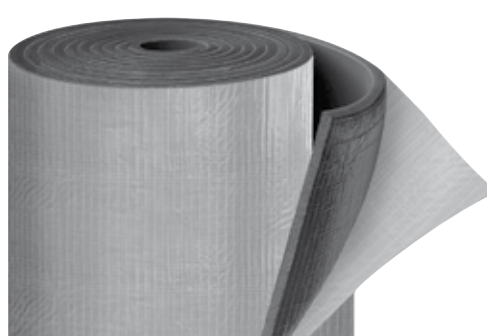


EUROBATEX® HF - HALOGEN FREE CONTINUOUS ROLLS 1000 mm WIDTH

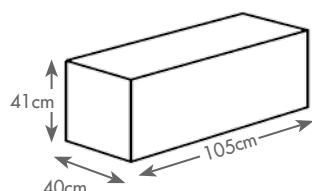
SELF-ADHESIVE

Item No.	Thickness mm	m ² /box
06EURHFPS	6	15
10EURHFPS	10	10
13EURHFPS	13	8
19EURHFPS	19	6
25EURHFPS	25	4
32EURHFPS	32	3

Item No.	Thickness mm	m ² /box
06EURHFPS ADR	6	15
10EURHFPS ADR	10	10
13EURHFPS ADR	13	8
19EURHFPS ADR	19	6
25EURHFPS ADR	25	4
32EURHFPS ADR	32	3

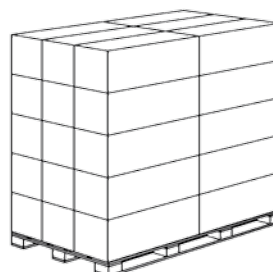


Packaging dimensions:
(volume = 0,17 m³)



Pallet dimensions:

120 x 210 x 217 cm
Volume = 5,47 m³
Box/pallet = 30



EUROBATEX® HF - HALOGEN FREE SELF-ADHESIVE TAPE

Item No.	Description	pcs/ct
FPX 15 R HF	thickness 3 mm x 50 mm width - 15 m length	12



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



EUROBATEX® ISOLTEC

Eurobatex tubes and sheets with Isoltec jacketing factory applied.

Isoltec jacketing is a high performance product made up in 3 layers: the base layer is unplasticized PVC, the second layer is a Aluminium foil and the top layer is a transparent polymeric film. The composite jacketing has **very good puncture resistance**, is aesthetically pleasing and provides **long term weather protection**. Isoltec jacketing is also sold separately and so can be used over existing Eurobatex pipe and sheet insulation or can be applied at the same time on site and thereby allow the contractor to stagger joints between the insulation and jacketing layers.

Isoltec jacketing has the appearance of metal jacketing but the transparent film gives a system with a high emissivity surface with the benefits that this offers for condensation control. The Jacketing has good fire performance characteristics and the system has **high resistance to water penetration** so that it can be used on internal pipework which needs to be washed down regularly. Eurobatex and Isoltec together offer premium system able to protect external refrigeration pipework from persistent bird attack and a tough, good looking, hygienic system able to insulate internal pipework in food factories, dairies and abattoirs where power hoses are in regular use.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Outdoor applications



Building



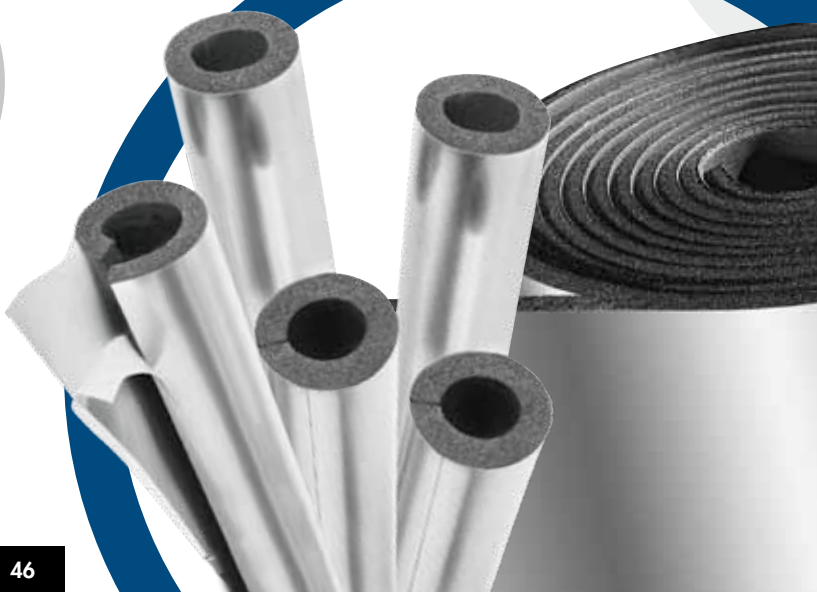
Refrigeration



Heating & Plumbing



Oil & Gas



EUROBATEX® ISOLTEC

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) coupled with a 3 layered coating; PVC, aluminium and UV resistant film
PRODUCT RANGE:	Pipe sections of 1 m length, in thicknesses from 9 mm to 60 mm and diameters from 15 mm to 170 mm. Sheets in rolls (also in self-adhesive version) with thicknesses from 6 mm to 50 mm
FIELDS OF APPLICATION:	Thermal insulation for commercial and industrial applications involving cold and hot ducts, large pipes and vessels, also for external applications
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. Traces of silicon can be found on the protective foil of the 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 / EN 14707
THERMAL CONDUCTIVITY	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	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 13469 / EN 12096
FIRE PERFORMANCE	European Standard Euroclass	Tubes: C _L -s2,d0 Sheets: C-s3,d0	EN 13501-1
UV RESISTANCE	Excellent		UNI ISO 4892-2

CHARACTERISTICS OF THE COATING

PHYSICAL PROPERTIES	UNIT OF MEASURE	REFERENCE VALUES	TEST METHOD
COLOUR	-	Aluminium	-
WEIGHT	g/m ²	≈ 400	EN 22-286
THICKNESS	μm	280 ± 5	-
BREAKING LOAD	N/mm ²	> 35	EN ISO 527-3
ELONGATION AT BREAK	%	40	EN ISO 527-3
TEAR RESISTANCE	N	80	EN ISO 527-3
PERFORATION RESISTANCE Ø 0,3 mm	N	100	EN 14477
UV STABILITY TEST	-	Excellent	-
AIR LAYER THICKNESS (SD)	m	> 1500	-
EMISSIONITY E	-	0,94	-

*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.

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.

EUROBATEX® ISOLTEC

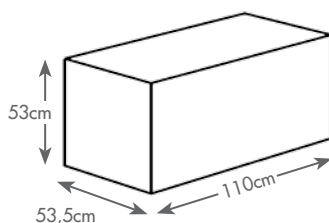
PRE-CUT, SELF-ADHESIVE PIPE SECTIONS 1m LENGTH

Copper pipe		Steel pipe			Thickness 13 mm		Thickness 19 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
15	5/8				13 - 15EUR 0 TEC	136	19 - 15EUR 0 TEC	78
18		17,2	10	3/8	13 - 18EUR 0 TEC	118	19 - 18EUR 0 TEC	72
22	7/8	21,3	15	1/2	13 - 22EUR 0 TEC	98	19 - 22EUR 0 TEC	64
28	1 1/8	26,9	20	3/4	13 - 28EUR 0 TEC	78	19 - 28EUR 0 TEC	48
35	1 3/8	33,7	25	1	13 - 35EUR 0 TEC	58	19 - 35EUR 0 TEC	44
42	1 5/8	42,4	32	1 1/4	13 - 42EUR 0 TEC	48	19 - 42EUR 0 TEC	40
48		48,3	40	1 1/2	13 - 48EUR 0 TEC	40	19 - 48EUR 0 TEC	32
54	2 1/8				13 - 54EUR 0 TEC	34	19 - 54EUR 0 TEC	32
60		60,3	50	2	13 - 60EUR 0 TEC	32	19 - 60EUR 0 TEC	28
76,1		76,1	65	2 1/2	13 - 76EUR 0 TEC	26	19 - 76EUR 0 TEC	20
88,9		88,9	80	3	13 - 90EUR 0 TEC	24	19 - 90EUR 0 TEC	16
101					13 - 101EUR 0 TEC	16	19 - 101EUR 0 TEC	16
114		114,3	100	4	13 - 114EUR 0 TEC	16	19 - 114EUR 0 TEC	14
127					13 - 127EUR 0 TEC	12	19 - 127EUR 0 TEC	10
133					13 - 133EUR 0 TEC	12	19 - 133EUR 0 TEC	8
140		139,7	125	5	13 - 139EUR 0 TEC	12	19 - 139EUR 0 TEC	8

Copper pipe		Steel pipe			Thickness 25 mm		Thickness 32 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
18		17,2	10	3/8	25 - 18EUR 0 TEC	50	32 - 18EUR 0 TEC	32
22	7/8	21,3	15	1/2	25 - 22EUR 0 TEC	42	32 - 22EUR 0 TEC	32
28	1 1/8	26,9	20	3/4	25 - 28EUR 0 TEC	40	32 - 28EUR 0 TEC	24
35	1 3/8	33,7	25	1	25 - 35EUR 0 TEC	32	32 - 35EUR 0 TEC	24
42	1 5/8	42,4	32	1 1/4	25 - 42EUR 0 TEC	26	32 - 42EUR 0 TEC	20
48		48,3	40	1 1/2	25 - 48EUR 0 TEC	22	32 - 48EUR 0 TEC	18
54	2 1/8				25 - 54EUR 0 TEC	22	32 - 54EUR 0 TEC	14
60		60,3	50	2	25 - 60EUR 0 TEC	18	32 - 60EUR 0 TEC	14
76,1		76,1	65	2 1/2	25 - 76EUR 0 TEC	16	32 - 76EUR 0 TEC	10
88,9		88,9	80	3	25 - 90EUR 0 TEC	12	32 - 90EUR 0 TEC	10
101					25 - 101EUR 0 TEC	10	32 - 101EUR 0 TEC	8
114		114,3	100	4	25 - 114EUR 0 TEC	10	32 - 114EUR 0 TEC	8
133					25 - 133EUR 0 TEC	6	32 - 133EUR 0 TEC	6
140		139,7	125	5	25 - 139EUR 0 TEC	6	32 - 139EUR 0 TEC	6

Different thicknesses and diameters available on request.

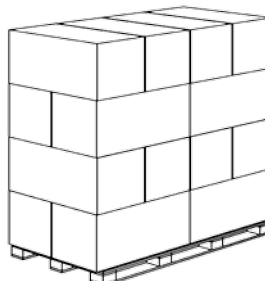
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



EUROBATEX® ISOLTEC

CONTINUOUS ROLLS 1000 mm WIDTH

SELF-ADHESIVE

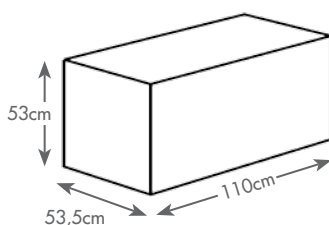
Item No.	Thickness mm	m ² /box
06EUR R TEC	6	30
10EUR R TEC	10	20
13EUR R TEC	13	14
19EUR R TEC	19	10
25EUR R TEC	25	8
32EUR R TEC	32	6

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

Different thicknesses available on request.



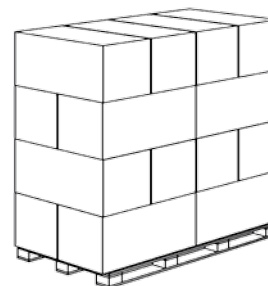
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



EUROBATEX® ISOLTEC ELBOWS

Copper pipe	Steel pipe	Thickness 13 mm		Thickness 19 mm		Thickness 25 mm		Thickness 32 mm	
Ext. Ø mm	DN	Item No. thickness x ID	pcs/ct	Item No. thickness x ID	pcs/ct	Item No. thickness x ID	pcs/ct	Item No. thickness x ID	pcs/ct
18	10	CTECG 13 - 18	1	CTECG 19 - 18	1	CTECG 25 - 18	1	CTECG 32 - 18	1
22	15	CTECG 13 - 22	1	CTECG 19 - 22	1	CTECG 25 - 22	1	CTECG 32 - 22	1
28	20	CTECG 13 - 28	1	CTECG 19 - 28	1	CTECG 25 - 28	1	CTECG 32 - 28	1
35	25	CTECG 13 - 35	1	CTECG 19 - 35	1	CTECG 25 - 35	1	CTECG 32 - 35	1
42	32	CTECG 13 - 42	1	CTECG 19 - 42	1	CTECG 25 - 42	1	CTECG 32 - 42	1
48	40	CTECG 13 - 48	1	CTECG 19 - 48	1	CTECG 25 - 48	1	CTECG 32 - 48	1
54		CTECG 13 - 54	1	CTECG 19 - 54	1	CTECG 25 - 54	1	CTECG 32 - 54	1
60	50	CTECG 13 - 60	1	CTECG 19 - 60	1	CTECG 25 - 60	1	CTECG 32 - 60	1
76,1	65	CTECG 13 - 76	1	CTECG 19 - 76	1	CTECG 25 - 76	1	CTECG 32 - 76	1
88,9	80	CTECG 13 - 89	1	CTECG 19 - 89	1	CTECG 25 - 89	1	CTECG 32 - 89	1
101		CTECG 13 - 101	1	CTECG 19 - 101	1	CTECG 25 - 101	1	CTECG 32 - 101	1
114	100	CTECG 13 - 114	1	CTECG 19 - 114	1	CTECG 25 - 114	1	CTECG 32 - 114	1
133		CTECG 13 - 133	1	CTECG 19 - 133	1	CTECG 25 - 133	1	CTECG 32 - 133	1
140	125	CTECG 13 - 140	1	CTECG 19 - 140	1	CTECG 25 - 140	1	CTECG 32 - 140	1

For different thicknesses and diameters please contact our technical department.



EUROBATEX® TRIPLEX

Eurobatex sheets with Triplex jacketing factory applied.

Triplex is a three layer jacketing: a base layer of polyester film, a layer of aluminium foil and a top layer of polyethylene film to give a 100 micron thick covering which has **very good tear resistance** and an attractive appearance. It is typically used for insulating ductwork in commercial and industrial applications for the purpose of condensation control.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Building



Refrigeration



Heating & Plumbing



Oil & Gas

EUROBATEX® TRIPLEX

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) coupled with a multi-layered coating of polyester, aluminium foil and polyethylene film
PRODUCT RANGE:	Sheets in rolls (also available in self-adhesive version) with thicknesses from 6 mm to 50 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications
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. Self-adhesive 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	thk. ≤32 mm: $\lambda \leq 0,033$ W/m·K thk. >32 mm: $\lambda \leq 0,034$ W/m·K	EN 12667
	At a mean temperature of +40 °C	thk. ≤32 mm: $\lambda \leq 0,037$ W/m·K thk. >32 mm: $\lambda \leq 0,038$ W/m·K	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	E	EN 13501-1
CORROSION RISK	Meets test requirements		EN 13468

CHARACTERISTICS OF THE COATING

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

*NB: for applications at lower temperature 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 temperatures 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® TRIPLEX

CONTINUOUS ROLLS 1000 mm WIDTH

SELF-ADHESIVE

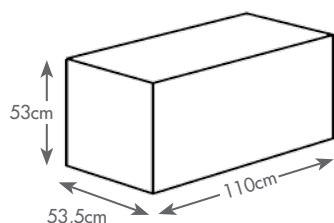
Item No.	Thickness mm	m ² /box
06EUR R TRIX	6	30
10EUR R TRIX	10	20
13EUR R TRIX	13	14
19EUR R TRIX	19	10
25EUR R TRIX	25	8
32EUR R TRIX	32	6

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

Different thicknesses are available on request.



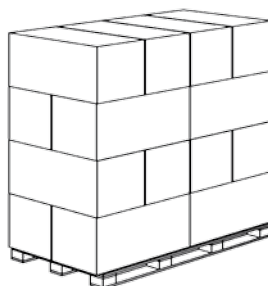
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
Box/pallet = 16



ALUMINIUM SELF-ADHESIVE TAPE

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



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



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



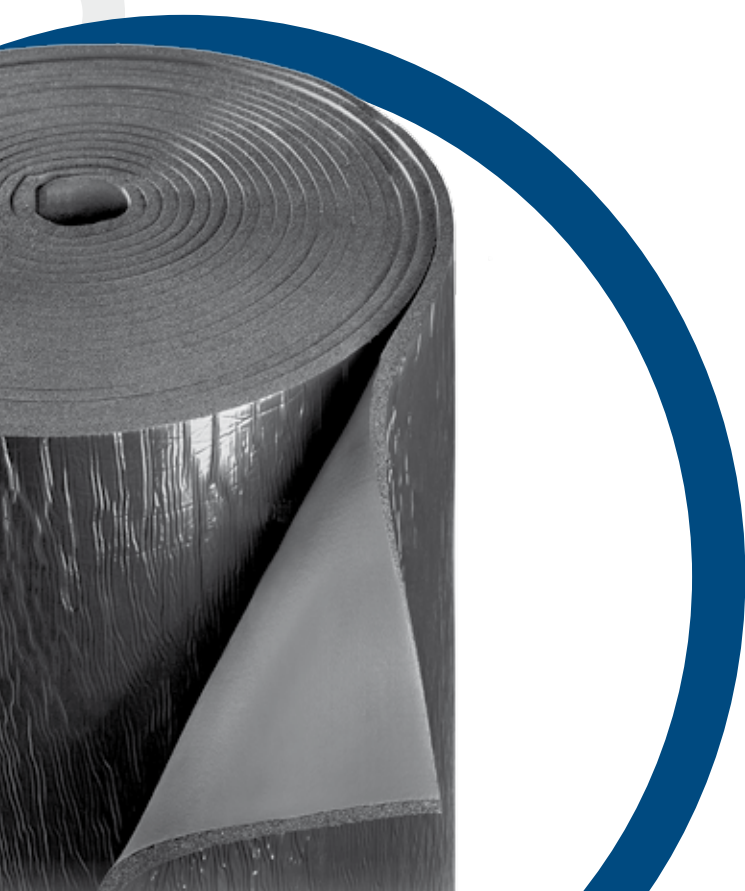
Heating & Plumbing



Outdoor applications



Air Conditioning



EUROBATEX® UV PROTECTION

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) coupled with a high UV resistant polyolefinic film
PRODUCT RANGE:	Sheets in roll (also available in self adhesive version) with thicknesses from 6 mm to 50 mm. Tapes with a thickness of 3 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications. Suitable also for external applications
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. Self-adhesive 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	thk. ≤32 mm: $\lambda \leq 0,033$ W/m-K thk. >32 mm: $\lambda \leq 0,034$ W/m-K	EN 12667
	At a mean temperature of +40 °C	thk. ≤32 mm: $\lambda \leq 0,037$ W/m-K thk. >32 mm: $\lambda \leq 0,038$ W/m-K	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	E	EN 13501-1
UV RESISTANCE	Excellent		UNI ISO 4892-2
CORROSION RISK	Meets test requirements		EN 13468

CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	REFERENCE VALUES
COLOUR	Black
WEIGHT	≈ 65 g/m²
THICKNESS	≈ 70 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 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

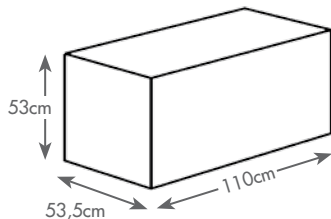
Item No.	Thickness mm	m ² /box
06EUR R UV	6	30
10EUR R UV	10	20
13EUR R UV	13	14
19EUR R UV	19	10
25EUR R UV	25	8
32EUR R UV	32	6

Item No.	Thickness mm	m ² /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.



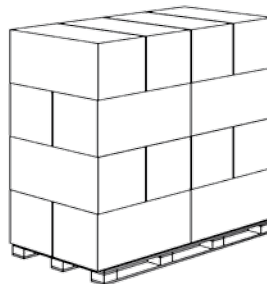
Packaging dimensions:
(volume = 0,30 m³)



Pallet dimensions:

120 x 210 x 277 cm
Volume = 7 m³
Box/pallet = 20

120 x 210 x 224 cm
Volume = 5,64 m³
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

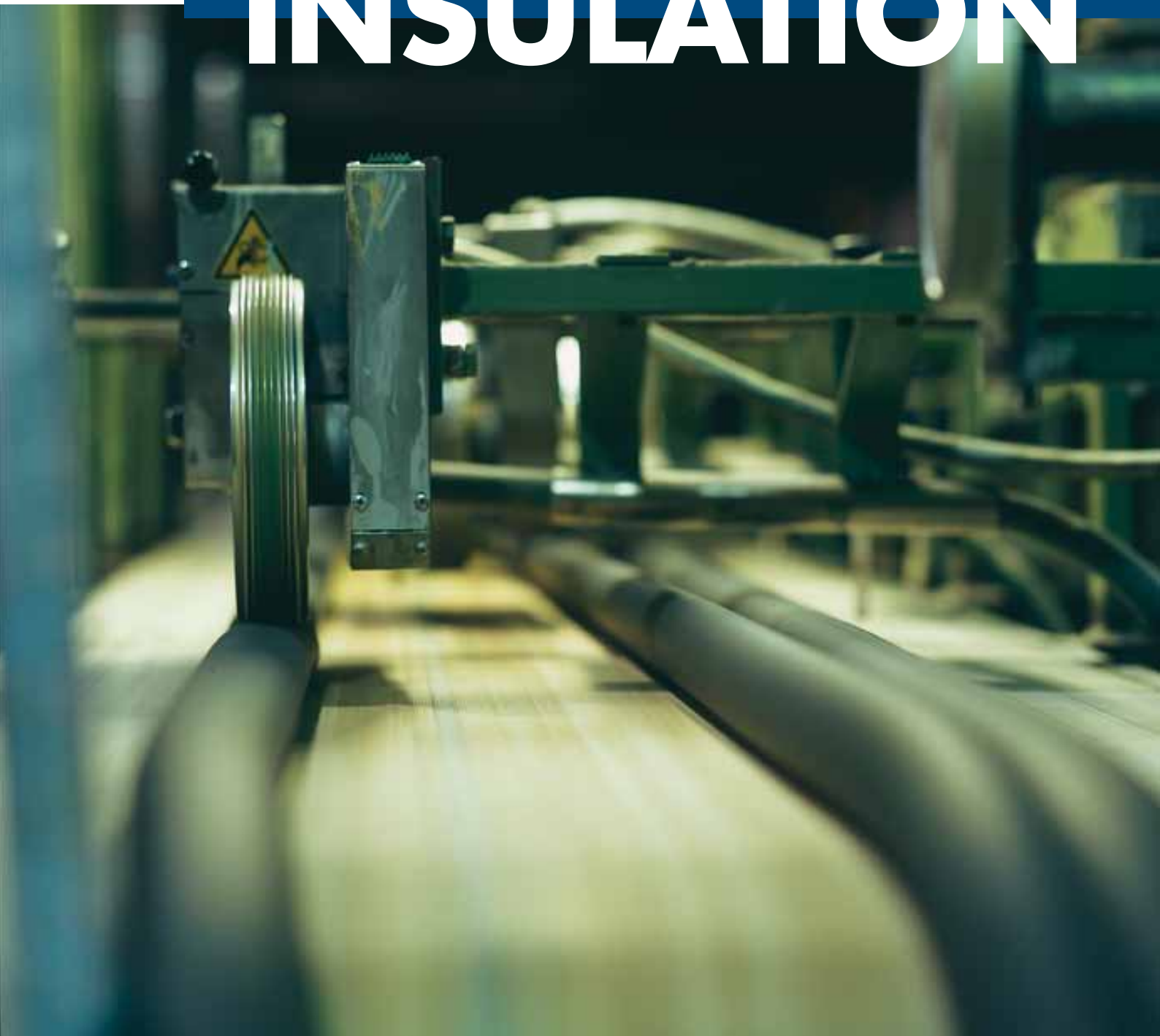


THERMAL INSULATION PRODUCTS FOR BUILDING EQUIPMENT AND INDUSTRIAL INSTALLATIONS. FACTORY MADE FLEXIBLE ELASTOMERIC FOAM (FEF) PRODUCTS

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	$\pm 1,5\%$	-	$d_o \leq 8$	± 1	3,0 mm	$D_{id} + 1 \leq D_i \leq D_{id} + 4$	$D_{id} + 1 \leq D_i \leq D_{id} + 4$
			$8 < d_o \leq 18$	$\pm 1,5$			
			$18 < d_o \leq 31$	$\pm 2,5$			
			$d_o > 31$	± 3			
Sheets	$\pm 1,5\%$	$\pm 2\%$	$d_o \leq 6$	± 1	3,0 mm/m (length/width) 3,0 mm (thickness)	-	-
			$6 < d_o \leq 19$	$\pm 1,5$			
			$d_o > 19$	± 2			
Rolls	$+ 5\%$ $- 1,5\%$	$\pm 2\%$	$d_o \leq 6$	± 1	3,0 mm/m (length/width) 3,0 mm (thickness)	-	-
			$6 < d_o \leq 19$	$\pm 1,5$			
			$d_o > 19$	± 2			
Tapes	$+ 5\%$ $- 1,5\%$	$\pm 2\%$	$d_o = 3$	$- 0,1$ $+ 1,5$	-	-	-

ACOUSTIC INSULATION



SILENTPLUS RUBBER

Double-layered acoustic insulation sheet, composed of an high density elastomeric material coupled with expanded foam material (FEF). Suitable to solve problems of acoustic insulation in building and industrial applications.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Building

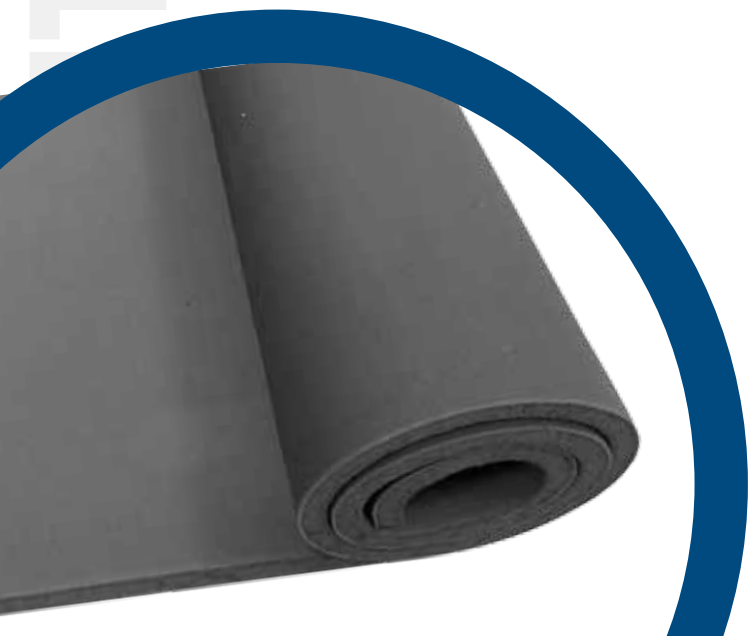


Refrigeration



Heating & Plumbing

SILENTPLUS RUBBER



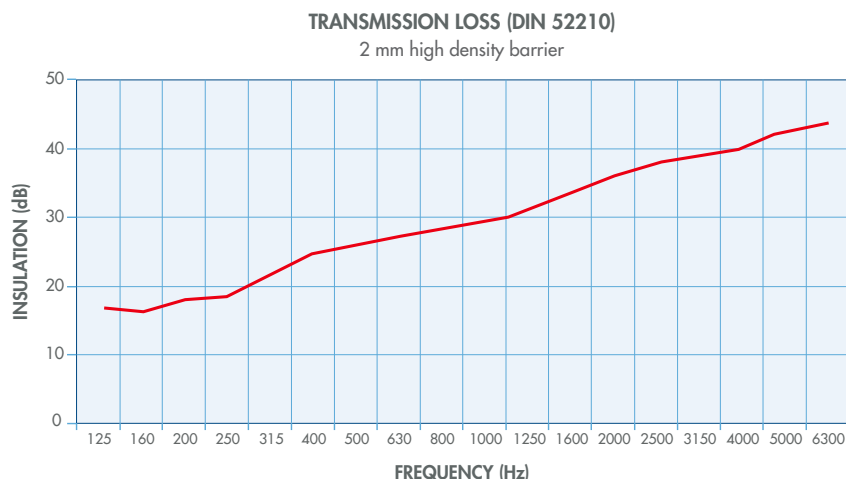
SILENTPLUS RUBBER



TYPE OF MATERIAL:	Soundproofing barrier layer coupled with a flexible elastomeric foam (FEF) sheet
PRODUCT RANGE:	Sheets in roll with dimension of 1 x 2 m and thickness of 12 mm (2 mm of high-density elastomeric barrier + 10 mm of flexible elastomeric foam sheet). Available also in self-adhesive version
FIELDS OF APPLICATION:	Acoustic insulation of walls, floors and ceilings, water pipes, drains, air conditioning equipment and heating & plumbing services in commercial, industrial and domestic application
DIMENSIONAL TOLERANCES:	In accordance with the European Standard EN 14304
ENVIRONMENTAL INFORMATION:	CFC and HCFC-free insulation compound. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero). Free from lead, bitumen and fibres
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 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. Self-adhesive 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	$\lambda \leq 0,034 \text{ W/m}\cdot\text{K}$					EN 12667
	At a mean temperature of +40 °C	$\lambda \leq 0,038 \text{ W/m}\cdot\text{K}$					
MEASUREMENT OF NOISE FROM WASTE WATER INSTALLATIONS	Reduction of air-borne sound transmission	Flow rate (L/s)	0,5	1	2	4	UNI EN 14366
		dB(A)	12	12	10,5	10,5	
	Structure-borne sound level	Flow rate (L/s)	0,5	1	2	4	
		dB(A)	15,5	16,6	18,4	19,6	
HARDNESS*	80 ± 10 Shore A						UNI EN ISO 868
TENSILE STRENGTH*	> 1N/mm²						DIN 53504 / UNI 6065
ELONGATION AT BREAK*	> 20%						DIN 53504 / UNI 6065
FIRE PERFORMANCE	European Standard Euroclass	D-s2,d0					EN 13501-1
	Swiss Reaction to Fire group	RF3					VKF Directive 13-15

*Data refer exclusively to the 2 mm high density layer.



For information regarding the chemical resistance of the product please consult the specific technical documentation.
The self-adhesive version has been designed with the aim to make installation easier. Given the high specific weight of the material, a mechanical fastening is recommended.

System 3 CE Marking in accordance with the European Standard EN 14304.

The product meets the requirements for the achievement of the Eco-Bau classification.

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.

SILENTPLUS RUBBER

2 m LENGTH ROLLS, 1 m WIDTH

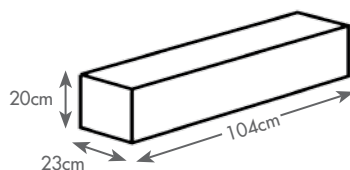
Item No.	Sheet dimension (m)	m ² /box
02 + 10SIL RUB GT	1 x 2	2

SELF-ADHESIVE

Item No.	Sheet dimension (m)	m ² /box
02 + 10SIL RUB GT ADR	1 x 2	2

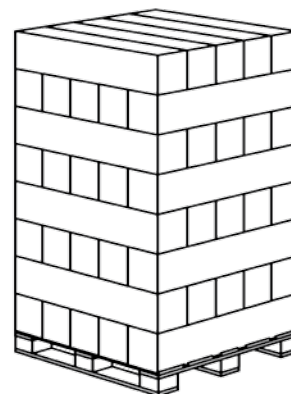


Packaging dimensions:
(volume = 0,05 m³)



Pallet dimensions:

105 x 105 x 196 cm
Volume = 2,16 m³
Box/pallet = 40



SILENTPLUS RUBBER HF

Halogen-free acoustic insulation sheet. A multilayer composed of expanded foam material (FEF), high density elastomeric barrier and external protective glossy black aluminium foil. Suitable to solve problems of acoustic insulation in building and industrial applications.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Building

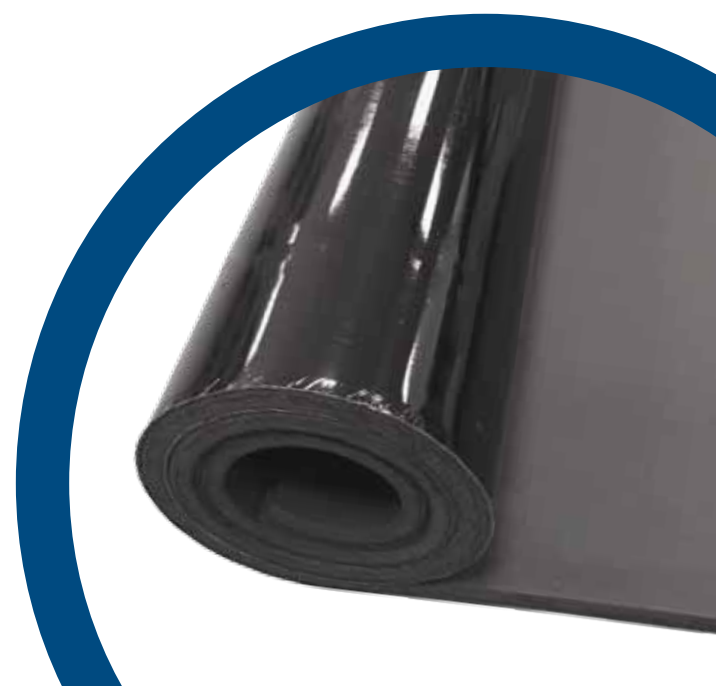


Refrigeration



Heating & Plumbing

SILENTPLUS RUBBER HF



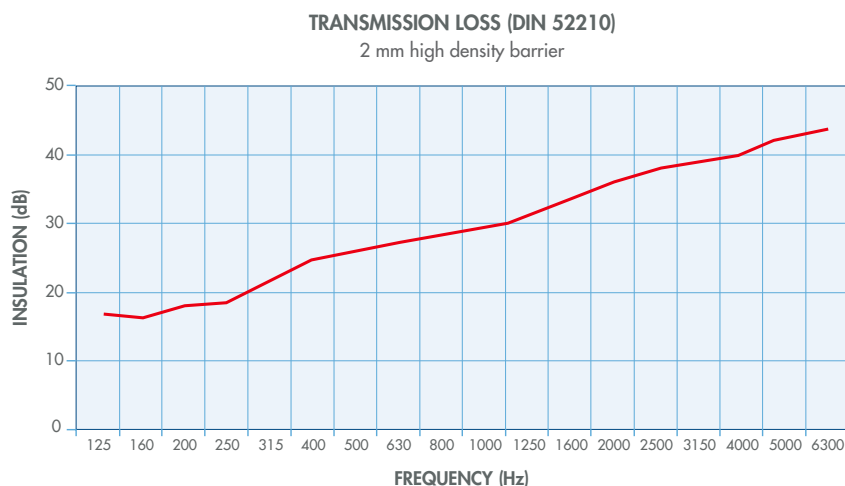
SILENTPLUS RUBBER HF



TYPE OF MATERIAL:	Halogen-free soundproofing barrier layer coupled with a flexible elastomeric foam (FEF) sheet and protected with aluminium foil
PRODUCT RANGE:	Sheets in roll with dimension of 1 x 2 m with thickness of 12 mm (2 mm of high-density elastomeric barrier + 10 mm of flexible elastomeric foam sheet). Available also in self-adhesive version
FIELDS OF APPLICATION:	Acoustic insulation of walls, floors and ceilings; enclosures for motors and air-conditioning equipment; acoustic insulation of water pipes, drains and heating & plumbing services in commercial, industrial and domestic applications
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). Free from lead, bitumen and fibres
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 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. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED						TEST METHOD
OPERATING TEMPERATURE RANGE	-45 °C +130 °C						EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of 0 °C	$\lambda \leq 0,036 \text{ W/m}\cdot\text{K}$					EN 12667
	At a mean temperature of +40 °C	$\lambda \leq 0,040 \text{ W/m}\cdot\text{K}$					
MEASUREMENT OF NOISE FROM WASTE WATER INSTALLATIONS	Reduction of air-borne sound transmission	Flow rate (L/s)	0,5	1	2	4	UNI EN 14366
		dB(A)	12	12	10,5	10,5	
	Structure-borne sound level	Flow rate (L/s)	0,5	1	2	4	
		dB(A)	15,5	16,6	18,4	19,6	
HARDNESS*	80 ± 10 Shore A						UNI EN ISO 868
TENSILE STRENGTH*	> 1N/mm²						DIN 53504 / UNI 6065
ELONGATION AT BREAK*	> 20%						DIN 53504 / UNI 6065
FIRE PERFORMANCE	European Standard Euroclass	D-s2,d0					EN 13501-1

*Data refer exclusively to the 2 mm high density layer.



For information regarding the chemical resistance of the product please consult the specific technical documentation. The self-adhesive version has been designed with the aim to make installation easier. Given the high specific weight of the material, a mechanical fastening is recommended.

System 3 CE Marking in accordance with the European Standard EN 14304.

The product meets the requirements for the achievement of the Eco-Bau classification.
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.

SILENTPLUS RUBBER HF

2 m LENGTH ROLLS, 1 m WIDTH

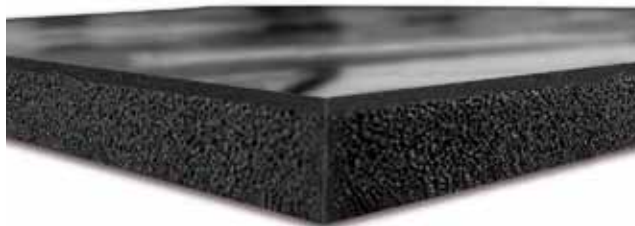
Item No.	Sheet dimension (m)	m ² /box
02 + 10SIL RUB GT HFN	1 x 2	2

Product not in stock, available on request and based on minimum purchasing quantities.

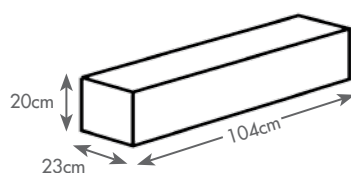
SELF-ADHESIVE

Item No.	Sheet dimension (m)	m ² /box
02 + 10SIL RUB GT HFN ADR	1 x 2	2

Product not in stock, available on request and based on minimum purchasing quantities.

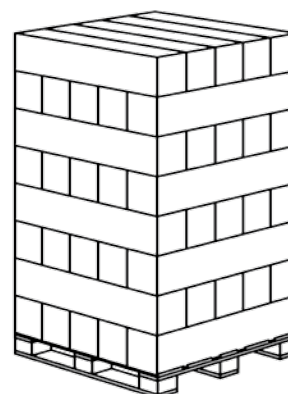


Packaging dimensions:
(volume = 0,05 m³)



Pallet dimensions:

105 x 105 x 196 cm
Volume = 2,16 m³
Box/pallet = 40



EUROSOUND

A range of sound-proofing high density sheets with high performance in noise reduction, especially at low frequencies. An ideal solutions in industrial and domestic applications. Suitable for marine applications.

APPLICATIONS FIELDS



Industrial



Air Conditioning



Building



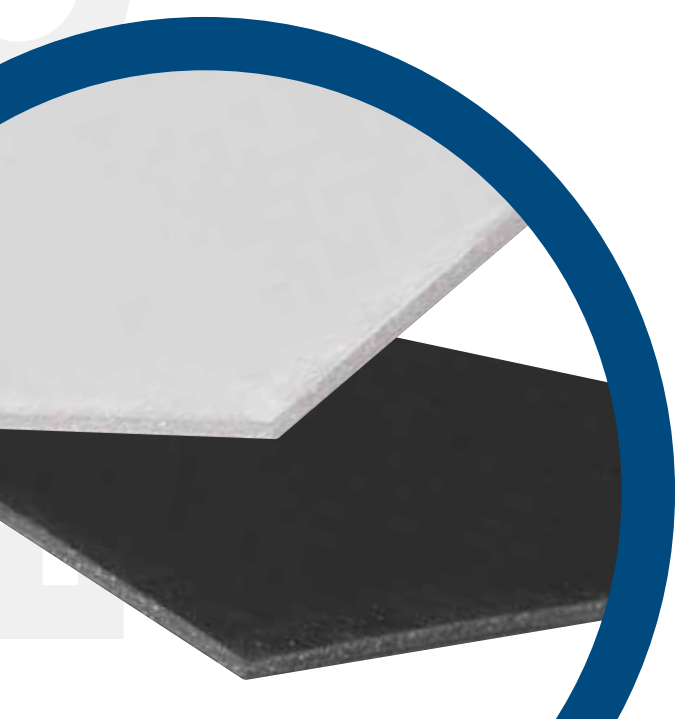
Refrigeration



Heating & Plumbing



Marine



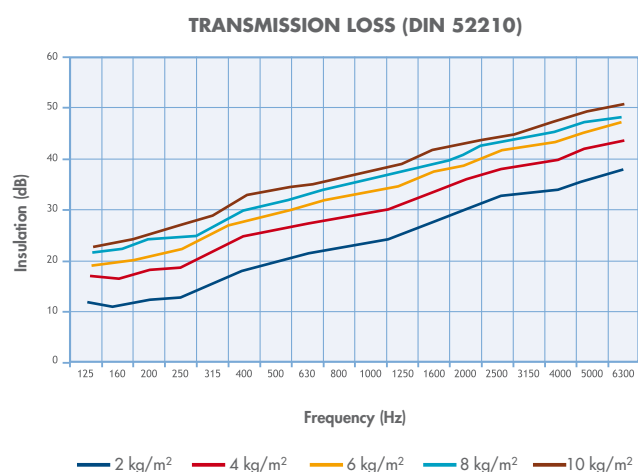
EUROSOUND

TYPE OF MATERIAL:	A soundproofing material made of a polymeric compound and high density mineral fillers. The product is free from lead, unrefined aromatic oils and bitumen, it is halogen free and does not contain substances which are hazardous to human health
PRODUCT RANGE:	Eurosound products are available in rolls in a range of thicknesses from 1 to 5 mm (2 - 10 kg/m ²) for civil and industrial applications (EUROSOUND), with improved fire performance (EUROSOUND FR) and for marine applications (EUROSOUND NAV)
FIELDS OF APPLICATION:	A flexible high performance noise barrier useful to reduce airborne sound transmission and as a component of an acoustic system with good low frequency sound insulation characteristics
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 when stored

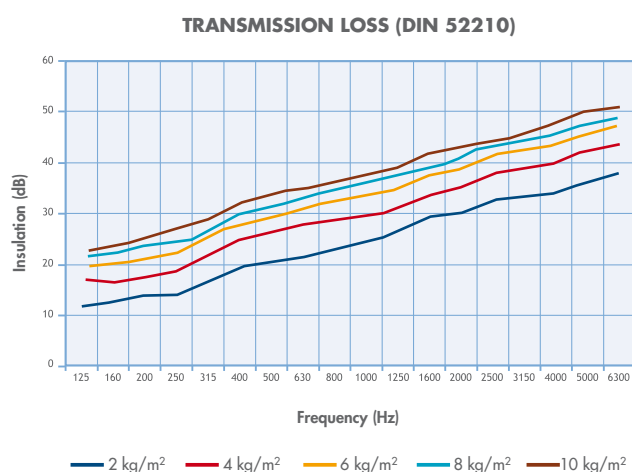
PHYSICAL PROPERTIES	RESULT OBTAINED			TEST METHOD
	EUROSOUND	EUROSOUND FR	EUROSOUND NAV	
SERVICE TEMPERATURE (°C)	-20 / +110	-20 / +110	-30 / +90	-
DENSITY* (g/cm³)	1,9 ± 0,1	1,9 ± 0,1	2,1 ± 0,1	EN ISO 1183-1 and 2
HARDNESS* (SHORE A)	80 ± 10	80 ± 10	85 ± 10	UNI EN ISO 868
TENSILE STRENGTH* (N/mm²)	> 1	> 1	> 1	DIN 53504 / UNI 6065
ELONGATION AT BREAK* (%)	> 20	> 20	> 20	DIN 53504 / UNI 6065
FIRE PERFORMANCE - EUROCLASS	-	B-s2,d0	-	EN 13501-1
SHIPYARDS (MED)	-	-	Meets test requirements	IMO Res. MSC307(88); IMO MSC/Circ. 1004 (MED 2014/90/EU Modules B, D)
COLOUR	Dark grey	Dark grey	White	-

*Data refers exclusively to the 2 mm high density layer.

EUROSOUND / EUROSOUND FR



EUROSOUND NAV



CONTINUOUS ROLLS 1000 mm WIDTH

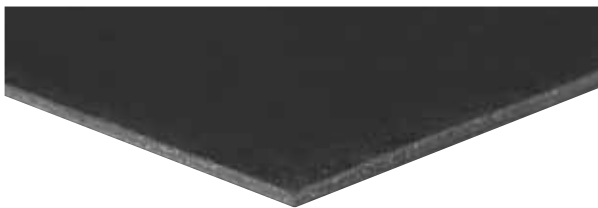
EUROSOUND - EUROSOUND FR

Item No.		Thickness mm	m ² /box
EUROSOUND	EUROSOUND FR		
01ES - 02	01ES - 02 FR	1	5
02ES - 04	02ES - 02 FR	2	2,5
03ES - 06	03ES - 02 FR	3	2
04ES - 08	04ES - 02 FR	4	1
05ES - 10	05ES - 02 FR	5	1

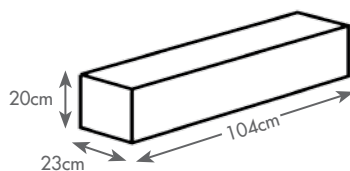
EUROSOUND NAV

Item No.	Thickness mm	m ² /box
01ES - 02 NAV	1	5
1,5ES - 03 NAV	1,5	4
02ES - 04 NAV	2	2,5
03ES - 06 NAV	3	2
04ES - 08 NAV	4	1
05ES - 10 NAV	5	1

Product not in stock, available on request and based on minimum purchasing quantities. Product also available in rolls of different lengths.

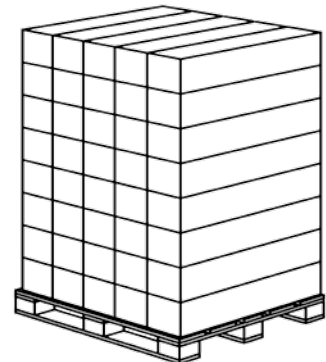


Packaging dimensions:
(volume = 0,05 m³)



Pallet dimensions:

105 x 105 x 196 cm
Volume = 2,16 m³
Box/pallet = 40



SPECIAL COMPOUND

The EUROSOUND range is also available coupled with elastomeric rubber foam on one or both sides of the product.

For the coupling process Eurobatex and Eurobatex HF elastomeric foam are available in various thicknesses.

Material not in stock, produced on request and based on minimum purchasing quantities. Please contact our customer service for more details.



EUROBATEX® BUGNATO

A range of flexible elastomeric foam (FEF) acoustic insulation made from Eurobatex sheets with a profiled surface cut in to one side. The result of this special process is an open cell structure with an increased surface area which produces a significant noise reduction especially at medium to high frequencies (greater thickness = better acoustic insulation).

APPLICATIONS FIELDS



Industrial



Air Conditioning



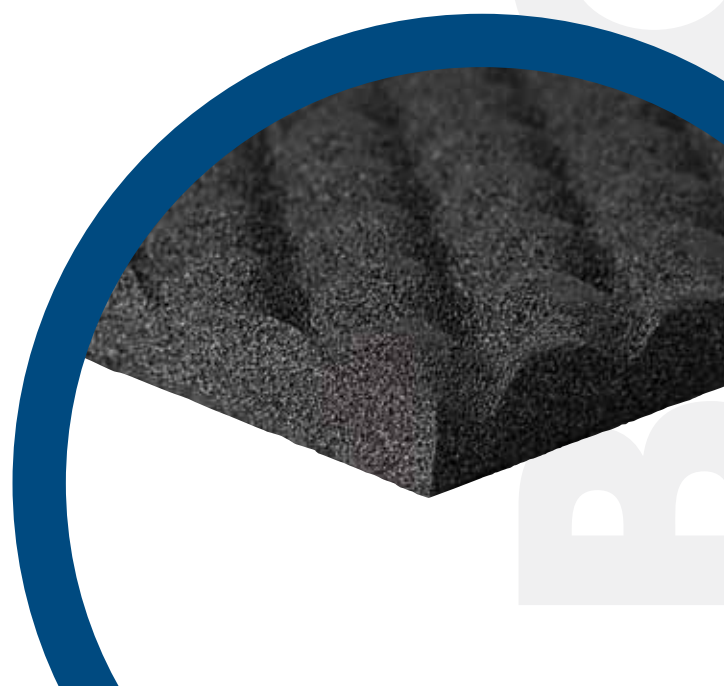
Building



Refrigeration



Heating & Plumbing

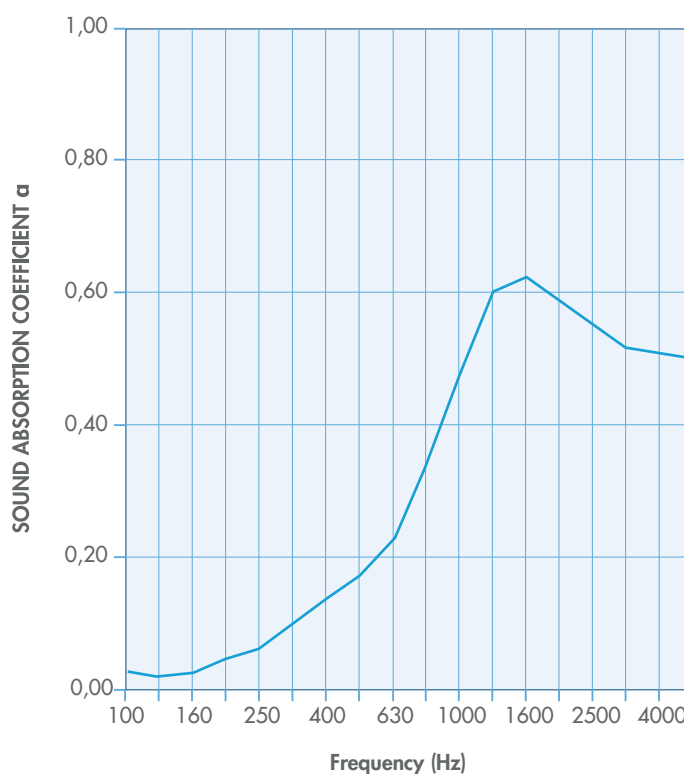


EUROBATEX® BUGNATO

TYPE OF MATERIAL:	An acoustic material in sheet form made from Flexible Elastomeric Foam (FEF) with a profiled surface cut into one side of the sheet
PRODUCT RANGE:	Sheet in a standard thickness of 20 mm, comprising of a 10 mm thick base layer and a 10 mm thick profiled surface layer. Different thicknesses and self-adhesive version are available upon request
FIELDS OF APPLICATION:	Acoustic absorption
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. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
ACOUSTIC ABSORPTION (α)	250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz 5000 Hz	0,06 0,14 0,47 0,59 0,50 0,49	UNI EN ISO 354
FIRE PERFORMANCE	Self-extinguishing, does not spread flame		

Freq. Hz	T1 (sec)	T2 (sec)	Sound absorption coefficient α_s	Practical absorption coefficient α_p
100	6,50	6,01	0,03	
125	5,66	5,41	0,02	0,05
160	6,51	6,11	0,03	
200	5,69	5,09	0,05	
250	5,42	4,81	0,06	0,05
315	5,53	4,58	0,10	
400	5,75	4,48	0,12	
500	5,42	4,14	0,14	0,15
630	5,11	3,50	0,23	
800	4,89	2,97	0,33	
1000	4,70	2,52	0,47	0,45
1250	4,54	2,20	0,59	
1600	4,27	2,09	0,62	
2000	3,97	2,07	0,59	0,60
2500	3,57	2,02	0,54	
3150	2,99	1,86	0,51	
4000	2,64	1,74	0,50	0,50
5000	2,15	4,52	0,49	12



Sample surface: S = 12 m²
 Rating according to ISO 11654
 $\alpha_w = 0,25$ (H)

EUROBATEX® BUGNATO

1 x 2 m FLAT SHEET

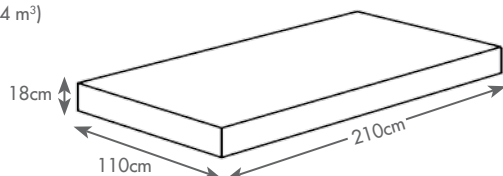
Item No.	Sheets dimension m	m ² /box
10+10EURBU	1 x 2	12
15+15EURBU	1 x 2	8

SELF-ADHESIVE

Item No.	Sheets dimension m	m ² /box
10+10EURBU	1 x 2	12
15+15EURBU	1 x 2	8

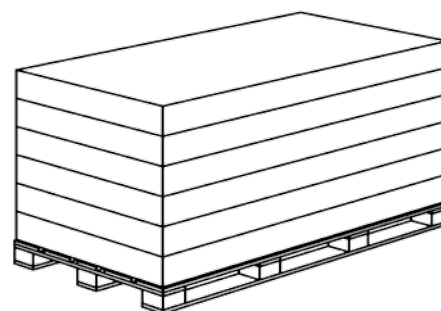


Packaging dimensions:
(volume = 0,4 m³)



Pallet dimensions:

210 x 120 x 120 cm
Volume = 2,9 m³
Box/pallet = 6



EUROBATEX® OC

A range of granulated FEF material in a resin binder supplied in sheet form, for use as a soundproofing and impact sound insulation in sub-floor applications. Also used as a system component for thermal and acoustic insulation in industrial applications.

APPLICATIONS FIELDS



Industrial



Air Conditioning



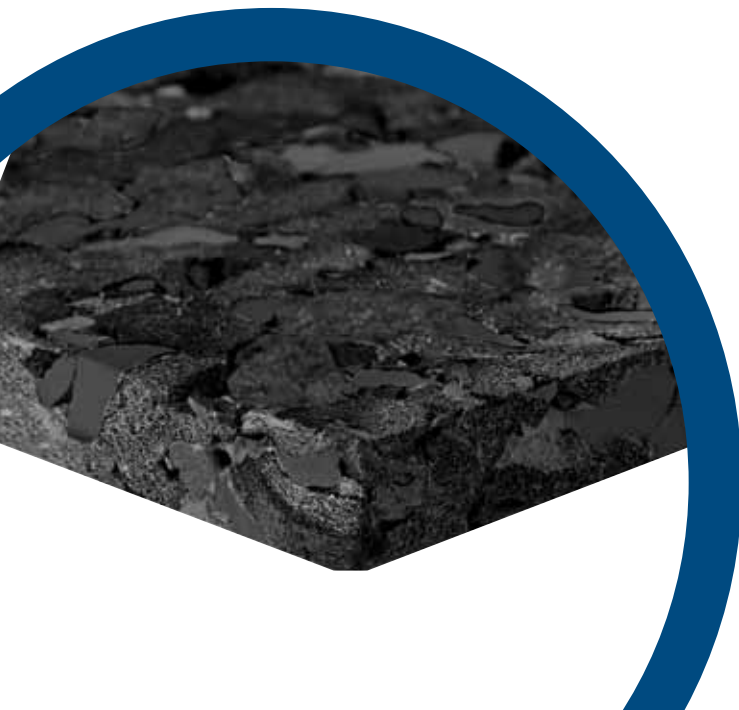
Building



Refrigeration



Heating & Plumbing



EUROBATEX® OC

TYPE OF MATERIAL:	Granulated Flexible Elastomeric Foam (FEF) held together by a polyurethane resin binder
PRODUCT RANGE:	Sheets available in a range of thicknesses from 10 mm to 40 mm. Available at density of 160 kg/m³ or 240 kg/m³ (tolerance -20 +120 kg/m³). Different thicknesses are available upon request
FIELDS OF APPLICATION:	Acoustic absorption
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 when stored

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE	-45 °C +110 °C		-
ACOUSTIC ABSORPTION (α) Thk. 25 mm, Δ 240 Kg/m³	250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz 5000 Hz	0,26 0,7 0,9 0,85 0,85 0,85	UNI EN ISO 354
FIRE PERFORMANCE	Self-extinguishing, does not spread flame		

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

EUROBATEX® OC

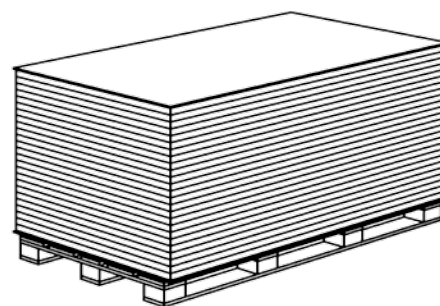
1 x 2 m FLAT SHEETS

Item No.		Thickness mm	Flat sheets dimension m	sheets/pallet
Δ 160	Δ 240			
10EUR OC 160	10EUR OC 240	10	1 x 2	100
20EUR OC 160	20EUR OC 240	20	1 x 2	50
25EUR OC 160	25EUR OC 240	25	1 x 2	40
30EUR OC 160	30EUR OC 240	30	1 x 2	33
40EUR OC 160	40EUR OC 240	40	1 x 2	25



Pallet dimensions:

210 x 120 x 115 cm
Volume = 2,9 m³



UNION COVERING

Union Covering is an Aluminium Cladding system, comprising the cladding itself in roll form plus various pre-formed fitting covers. The system also includes rivets, punches and other accessories to allow it to be correctly installed in accordance with the Installation Manual. Union Covering provides a mechanically strong and aesthetically pleasing cladding system suitable for use over Eurobatex and various other types of thermal insulation product.



UNION COVERING

TYPE OF MATERIAL:	99,5% aluminium sheet
PRODUCT RANGE:	Pipe sections with a thickness of 0,6 mm and diameters from 80 mm to 400 mm, length 1 m. Elbows with a thickness of 0,6 mm and diameters from 80 mm to 400 mm
FIELDS OF APPLICATION:	Cladding, protecting and enhancing the appearance of insulations, also for external application

MECHANICAL PROPERTIES			
	Yield point % 0,2 (MPa)	Tensile strength (MPa)	Elongation - A %
TEST RESULTS	171,78	182,82	2,84

CHEMICAL COMPOSITION								
	Si%	Fe%	Cu%	Mn%	Mg%	Zn%	Ti%	Al%
TYPICAL VALUES	0,087	0,353	0,006	0,004	0,002	0,009	0,0065	99,534

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

UNION COVERING

99,5% ALUMINIUM PIPE SECTIONS - LENGTH 1 m

Item No.	Pipe ø mm	Thickness mm
*TALU 0,60 - 80	80	0,6
TALU 0,60 - 90	90	0,6
TALU 0,60 - 100	100	0,6
TALU 0,60 - 110	110	0,6
TALU 0,60 - 120	120	0,6
TALU 0,60 - 130	130	0,6
TALU 0,60 - 140	140	0,6
TALU 0,60 - 150	150	0,6
TALU 0,60 - 160	160	0,6
TALU 0,60 - 170	170	0,6
TALU 0,60 - 180	180	0,6
TALU 0,60 - 190	190	0,6
TALU 0,60 - 200	200	0,6
TALU 0,60 - 210	210	0,6
TALU 0,60 - 220	220	0,6
TALU 0,60 - 230	230	0,6
TALU 0,60 - 240	240	0,6
TALU 0,60 - 250	250	0,6
TALU 0,60 - 260	260	0,6
TALU 0,60 - 270	270	0,6
TALU 0,60 - 280	280	0,6
TALU 0,60 - 290	290	0,6
TALU 0,60 - 300	300	0,6
TALU 0,60 - 310	310	0,6
TALU 0,60 - 320	320	0,6
TALU 0,60 - 330	330	0,6
TALU 0,60 - 340	340	0,6
TALU 0,60 - 350	350	0,6
TALU 0,60 - 360	360	0,6
TALU 0,60 - 370	370	0,6
TALU 0,60 - 380	380	0,6
TALU 0,60 - 390	390	0,6
TALU 0,60 - 400	400	0,6

* Length 500 mm.

90° ELBOWS

99,5% ALUMINIUM

Item No.	Elbow ø mm	Thickness mm
CALU 0,60 - 80	80	0,6
CALU 0,60 - 90	90	0,6
CALU 0,60 - 100	100	0,6
CALU 0,60 - 110	110	0,6
CALU 0,60 - 120	120	0,6
CALU 0,60 - 130	130	0,6
CALU 0,60 - 140	140	0,6
CALU 0,60 - 150	150	0,6
CALU 0,60 - 160	160	0,6
CALU 0,60 - 170	170	0,6
CALU 0,60 - 180	180	0,6
CALU 0,60 - 190	190	0,6
CALU 0,60 - 200	200	0,6
CALU 0,60 - 210	210	0,6
CALU 0,60 - 220	220	0,6
CALU 0,60 - 230	230	0,6
CALU 0,60 - 240	240	0,6
CALU 0,60 - 250	250	0,6
CALU 0,60 - 260	260	0,6
CALU 0,60 - 270	270	0,6
CALU 0,60 - 280	280	0,6
CALU 0,60 - 290	290	0,6
CALU 0,60 - 300	300	0,6
CALU 0,60 - 310	310	0,6
CALU 0,60 - 320	320	0,6
CALU 0,60 - 330	330	0,6
CALU 0,60 - 340	340	0,6
CALU 0,60 - 350	350	0,6
CALU 0,60 - 360	360	0,6
CALU 0,60 - 370	370	0,6
CALU 0,60 - 380	380	0,6
CALU 0,60 - 390	390	0,6
CALU 0,60 - 400	400	0,6





**UNION
FOAM**

**INSULATION MATERIALS.
OUR WORLD.
FOR A BETTER WORLD.**

Union Foam S.p.A.

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