

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



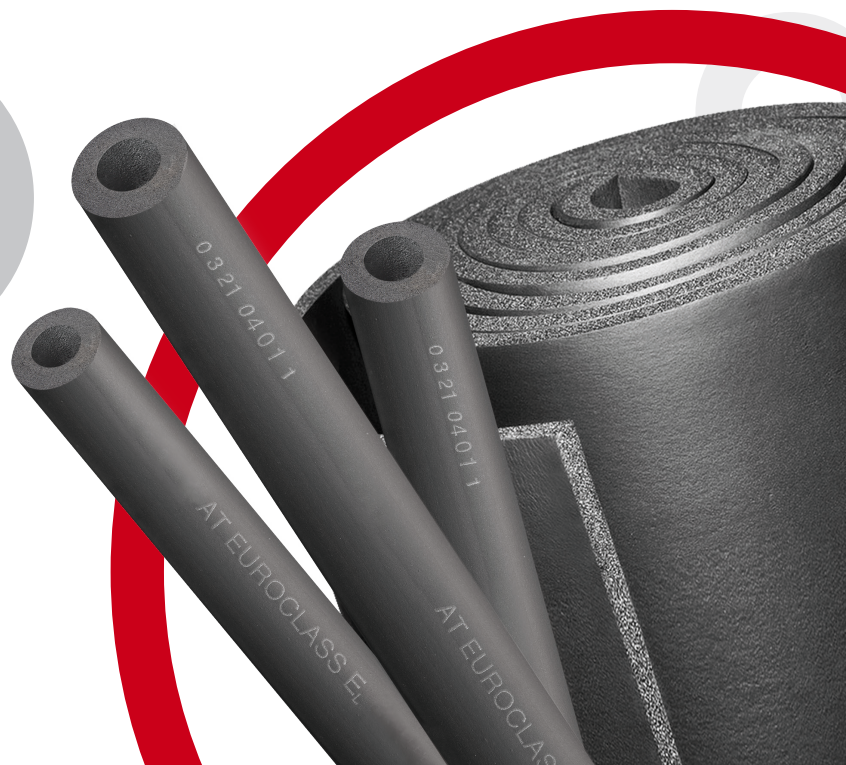
Heating & Plumbing



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/m ²		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 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

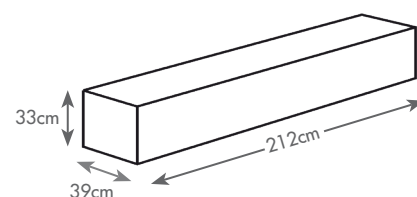
PIPE SECTIONS 2 m LENGTH

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 - 90EURAT	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



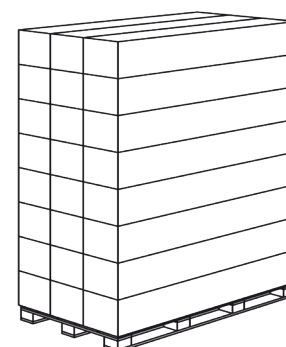
Packaging dimensions:
(volume = 0,27 m³)



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



*Material not in stock, produced on request – lead time 1.5 workdays

EUROBATEX® AT CONTINUOUS ROLLS 1000 mm WIDTH

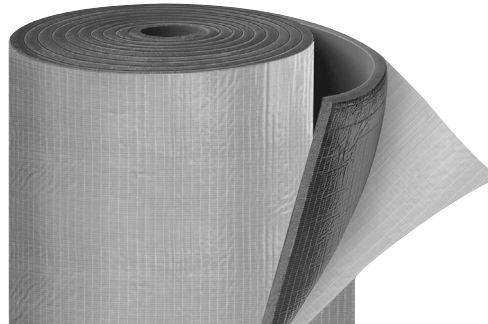
SELF-ADHESIVE

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

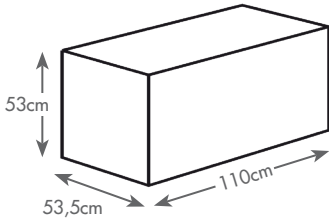
*Based on minimum purchasing order

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

Material not in stock, produced on request and based on minimum purchasing quantities – lead time 15 workdays



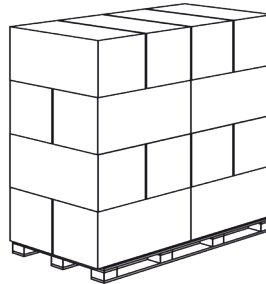
Packaging dimensions:
(volume = 0,30 m³)



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® AT R

TYPE OF MATERIAL:	Black closed-cell flexible elastomeric foam (FEF) with covering film in thermoplastic materials
PRODUCT RANGE:	Tubes in pipe section with thicknesses from 13 mm to 19 mm and diameters from 15 mm to 54 mm
FIELDS OF APPLICATION:	Thermal insulation of refrigeration, air conditioning and heating & plumbing services in commercial, industrial and domestic applications. Suitable for all external applications within their temperature range
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)
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 +150 °C		EN 14707
THERMAL CONDUCTIVITY	At a mean temperature of +40 °C	$\lambda \leq 0,042 \text{ W/m}\cdot\text{K}$	EN ISO 8497
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	E _L	EN 13501-1
OZONE RESISTANCE	Excellent		ISO 7326
UV RESISTANCE	Excellent		UNI ISO 4892-2

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

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 R

CFC, HCFC and PVC-free insulation tubes in flexible expanded rubber foam (FEF), which conform to the European Standard EN 14304. EUROBATEX AT pipes **coated with a seamless polymeric film** in black colour that provides additional weather and mechanical protection. This product is suitable for the thermal insulation of components of systems working with high temperature fluids, up to **+150 °C** in continuous use (solar-heating, industrial steam pipework systems) even in external environments.

PIPE SECTIONS 2 m LENGTH

With scratch and UV resistant film

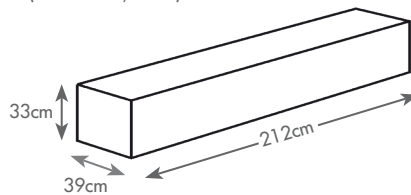
Copper pipe		Steel pipe			PE/PP/PVC pipes	Thickness 13 mm		Thickness 19 mm	
Ext. Ø mm	Ext. Ø inches	Ext. Ø mm	DN	NPS	DN	Item No. thickness x ID	m/ct	Item No. thickness x ID	m/ct
15	5/8				16	13 - 15TAATR	100	19 - 15TAATR	60
18		17,2	10	3/8	3/8	13 - 18TAATR	90	19 - 18TAATR	60
						13 - 24TAATR	70	19 - 24TAATR	44
						13 - 29TAATR	60	19 - 29TAATR	40
					32	13 - 33TAATR	44	19 - 33TAATR	30



Material not in stock, produced on request – lead time 15 workdays



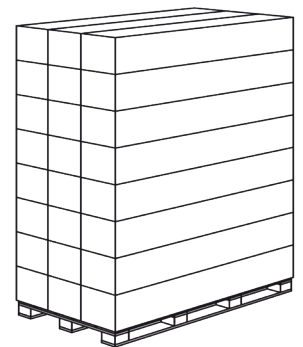
Packaging dimensions:
(volume = 0,27 m³)



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 AT1 ADHESIVE

Resistant to temperature up to +150 °C

Item No.	Description	pcs/ct
CNX 425 AT1	425 g - 500 ml tin	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	$D_{iD} + 1 \leq D_i \leq D_{iD} + 4$	$D_{iD} + 1 \leq D_i \leq D_{iD} + 6$
			$8 < d_o \leq 18$	$\pm 1,5$			
			$18 < d_o \leq 31$	$\pm 2,5$			
			$d_o > 31$	± 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	-	-	-



Union Foam S.p.A.
 via dell'Industria 8
 20882 Bellusco (MB) Italy
 tel. +39.039.62089.1
 sales@unionfoam.it
 www.unionfoam.it