

TALC SOLUTION



EUROBATEX AT is a CFC, HCFC free, GWP zero thermal insulation available in the form of tubes, sheets and coils; it is a Flexible Elastomeric Foam complying with European standard EN 14304. It is a closed cell, flexible material with a high emissivity surface but is based upon a different polymer than EUROBATEX which means that it is suitable for continuous use at 150 C° and can be used outdoors unpainted. The major use of EUROBATEX AT is on Solar Heating pipework 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 making it suitable for use on Austenitic Stainless Steel pipework. EUROBATEX AT tubes are talc injected to reduce friction and ensure easier installation.



EUROBATEX® AT

Type of material: Black closed-cell flexible elastomeric foam (FEF).

Product range: Tubes in pipe sections and coils with thicknesses from 6 to 32 mm and diameters from 10 to 114 mm. Sheets in rolls (also in a self-adhesive version) with thicknesses from 6 to 32 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, and solar thermal systems working at high temperatures.

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: the self-adhesive coating is based on modified acrylate; available plain or reinforced with mesh structure. Protection liner made of polyethylene 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 before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

PHYSICAL PROPERTIES	RESULT OBTAINED	TEST METHOD
Operating temperature range*	Tubes -45 °C +150 °C	EN 14706/EN 14707
Thermal conductivity λ		
At a mean temperature of + 40 °C	≤ 0.042 W/m·K	EN 12667/EN ISO 8497
Water absorption	$< 0,1$ kg/m ²	EN 13472/EN 1609
Fire performance European standard	E	EN 13501-1
Ozone resistance	Excellent	ISO 7326
UV resistance	Excellent	UNI ISO 4892-2
Antimicrobial behaviour	Meets test requirements	AATCC test method 30-2004
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 and tapes, adhesives with operating temperatures up to +100 °C and +140 °C are available.

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

All the normatives quoted in this document are updated to the latest issued versions.
Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.

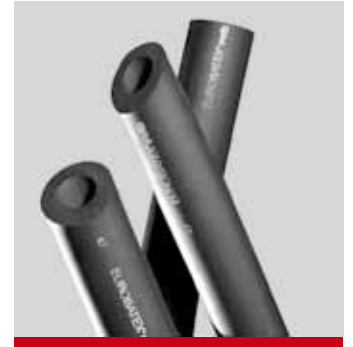


EUROBATEX® AT

PIPE SECTIONS - LENGTH 2 m PRODUCT RANGE

TALC SOLUTION

COPPER PIPE (Cu)		STEEL PIPE (Fe)			Thickness 9 mm		Thickness 13 mm	
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	Item no.	m/ct	Item no.	m/ct
15/16					09- 15EURAT	140	13- 15EURAT	100
18	15	17,2	3/8"	10	09- 18EURAT	130	13- 18EURAT	90
22	20	21,3	1/2"	15	09- 22EURAT	100	13- 22EURAT	70
28	25	26,9	3/4"	20	09- 28EURAT	80	13- 28EURAT	60
35	32	33,7	1"	25	09- 35EURAT	60	13- 35EURAT	44
42	40	42,4	1,1/4"	32	09- 42EURAT	50	13- 42EURAT	36
48		48,3	3/8"	40	09- 48EURAT	42	13- 48EURAT	30
54	50	54,0			09- 54EURAT	36	13- 54EURAT	26
60		60,3		50	09- 60EURAT	32	13- 60EURAT	24
					09- 64EURAT*	32	13- 64EURAT*	22
					09- 67EURAT*	32	13- 67EURAT*	22
					09- 70EURAT*	30	13- 70EURAT*	20
76	65	76,1	2,1/2"	65	09- 76EURAT	28	13- 76EURAT	16
89	80	88,9	3"	80	09- 90EURAT	22	13- 90EURAT	16
114	100	114,3	4"	100	09- 114EURAT	18		



COPPER PIPE (Cu)		STEEL PIPE (Fe)			Thickness 19 mm		Thickness 25 mm		Thickness 32 mm	
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	Item no.	m/ct	Item no.	m/ct	Item no.	m/ct
15/16					19- 15EURAT	60	25- 15EURAT	30		
18	15	17,2	3/8"	10	19- 18EURAT	60	25- 18EURAT	30		
22	20	21,3	1/2"	15	19- 22EURAT	44	25- 22EURAT	26	32- 22EURAT*	24
28	25	26,9	3/4"	20	19- 28EURAT	40	25- 28EURAT	20	32- 28EURAT*	22
35	32	33,7	1"	25	19- 35EURAT	30	25- 35EURAT	16	32- 35EURAT*	16
42	40	42,4	1,1/4"	32	19- 42EURAT	24	25- 42EURAT	16	32- 42EURAT*	16
48		48,3	1,1/2"	40	19- 48EURAT	22	25- 48EURAT	16	32- 48EURAT*	12
54					19- 54EURAT	18	25- 54EURAT	12	32- 54EURAT*	12
57					19- 57EURAT*	18	25- 57EURAT*	12	32- 57EURAT*	12
60		60,3	2"		19- 60EURAT	18	25- 60EURAT	12	32- 60EURAT*	12
64					19- 64EURAT*	16	25- 64EURAT*	12	32- 64EURAT*	10
67					19- 67EURAT*	14	25- 67EURAT*	12	32- 67EURAT*	10
70					19- 70EURAT	14	25- 70EURAT*	12	32- 70EURAT*	10
76		76,1	2, 1/2"		19- 76EURAT	14	25- 76EURAT	8	32- 76EURAT*	10
80					19- 80EURAT	14	25- 80EURAT	8	32- 80EURAT*	8
90		88,9	3"		19- 90EURAT	12	25- 90EURAT	8	32- 90EURAT*	8
101					19- 101EURAT	12	25- 101EURAT	8	32- 101EURAT*	8
108					19- 108EURAT	12	25- 108EURAT	8	32- 108EURAT*	6
114		114,3	44"		19- 114EURAT	8	25- 114EURAT	8	32- 114EURAT*	6

*Made to order.

Different thicknesses and diameters available on request. Packaging dimensions: 212 x 33 x 39 cm.

Tubes in coil version not in stock, available on request.



CONTINUOUS ROLLS - WIDTH 1m

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



Different thicknesses available on request. Packaging dimensions: 107 x 53 x 53,5 cm. For self-adhesive sheets, please contact our customer service.

EUROBATEX® AT SELF-ADHESIVE TAPE

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

CNX AT TWO-COMPONENT ADHESIVE RESISTANT TO TEMPERATURES UP TO +150 °C

Item no.	Description	pcs/ct
CNX 425 EURAT*	425 g - 500 ml tin	12
CNX ATT-36	activator for CNX EURAT 36 g	12

* The article requires the CNX ATT 36 component. Please refer to the technical data sheet regarding the instructions for use.

EUROBATEX[®] AT



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 thicknesses from 13 to 19 mm and diameters from 15 to 54 mm.

Fields of application: 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.

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 before installing. 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 λ At a mean temperature of + 40 °C	≤ 0.042 W/m·K	EN ISO 8497
Water vapour diffusion resistance factor (μ)	≥ 10000	EN 12086
Fire performance European standard	E _L	EN 13501 -1
Ozone resistance	Excellent	ISO 7326
UV resistance	Excellent	UNI ISO 4892-2

* 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.

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

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EUROBATEX AT R

CFC, HCFC and PVC-free insulation tubes in flexible expanded rubber foam (FEF), which conform to the European standard EN 14304. They are coated with a black seamless polymeric coating, which provides additional weather and mechanical protection. This material 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.



EUROBATEX® AT R

INSULATING PIPE SECTIONS WITH SCRATCH
and UV RESISTANT FILM - LENGTH 2 m

PRODUCT RANGE

TALCO SOLUTION	COPPER PIPES (Cu)			STEEL PIPES (Fe)			PE/PP/PVC PIPES	Thickness 13 mm		Thickness 19 mm	
	ext. ø mm	ø nomin. DN	ø inches	ø est. mm	ø nomin. DN	ø inches	ø est. mm	Item no.	m/ct	Item no.	m/ct
	15,87	16	1/4"	16			16	13 - 15TAATR	100	19 - 15TAATR	60
		18		17,20	10	3/8"		13 - 18TAATR	90	19 - 18TAATR	60
								13 - 24TAATR	70	19 - 24TAATR	44
								13 - 29TAATR	60	19 - 29TAATR	40
						1"	32	13 - 33TAATR	44	19 - 33TAATR	30

Different thicknesses and diameters available on request.

CNX ADHESIVE

Item no.	Description	pcs/ct
CNX 425 EURAT*	425 g - 500 ml tin	12
CNX ATT-36	activator for CNX EURAT 36 g	12

* The article requires the CNX ATT 36 component. Please refer to the technical data sheet regarding the instructions for use.



EUROBATEX® AT

DIMENSIONAL TOLERANCES SPECIFIED BY EUROPEAN PRODUCT STANDARD EN 14304

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

EUROBATEX® AT R



advanced elastomeric thermal and acoustic insulation materials

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