

EUROBATEX® R



CFC and HCFC-free insulation tubes in flexible expanded rubber foam (FEF) which conform to the European standard EN 14304. These tubes are protected by a scratch, "pecking" and UV resistant external film of white color (or 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.



advanced elastomeric thermal and acoustic insulation materials

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Type of material: Black closed-cell flexible elastomeric foam (FEF) covered with a white (black on demand) thermoplastic film.

Product range: Tubes in pipe sections in thicknesses from 9 to 25 mm and diameters from 15 to 42 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 and HCFC-free flexible and expanded rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).

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 +110 °C	EN 14707
Thermal conductivity λ At a mean temperature of 0 °C At a mean temperature of + 40 °C	≤ 0.033 W/m·K ≤ 0.037 W/m·K	EN ISO 8497
Water vapour diffusion resistance factor (μ)	≥ 10000	EN 13469
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.

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.



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PIPE SECTIONS - LENGTH 1 m, 2 m WITH A WHITE (BLACK AVAILABLE ON REQUEST) WEATHER RESISTANT THERMOPLASTIC POLYMER FILM

PRODUCT RANGE

WHITE COVERING FILM

COPPER PIPES (CU)			STEEL PIPES (FE)			TUBES PE/PP/PVC	Thickness 9 mm		Thickness 13 mm		Thickness 19 mm	
ø ext mm	DN mm	ø inches	ø ext mm	ø inches	DN mm	ø ext mm	Item no.	m/ct	Item no.	m/ct	Item no.	m/ct
12,70	12	1/2"					09-12EURRB	170	13-12EURRB	120	19-12EURRB	70
15,87	16	5/8"				16	09-15EURRB	140	13-15EURRB	100	19-15EURRB	50
	18		17,20	3/8"	10		09-18EURRB	130	13-18EURRB	90	19-18EURRB	50
22,22	22		21,30	1/2"	15		09-22EURRB	100	13-22EURRB	70	19-22EURRB	44
28,57	28	1-1/8"					09-28EURRB	80	13-28EURRB	60	19-28EURRB	40
34,92	35	1-3/8"	33,70	1"	25		09-35EURRB	60	13-35EURRB	44	19-35EURRB	30
41,27	42	1-5/8"	42,40	1-1/4"	32				13-42EURRB	36	19-42EURRB	24
			48,30	1-1/2"	40						19-48EURRB	22

Different thicknesses and diameters available on request.

BLACK COVERING FILM

COPPER PIPES (CU)			STEEL PIPES (FE)			TUBES PE/PP/PVC	Thickness 13 mm		Thickness 19 mm		Thickness 25 mm	
ø ext mm	DN mm	ø inches	ø ext mm	ø inches	DN mm	ø ext mm	Item no.	m/ct	Item no.	m/ct	Item no.	m/ct
9,52	10	3/8"	10,10	1/8"	6		13-10EURRN	172	19-10EURRN	98		
12,70	12	1/2"					13-12EURRN	162	19-12EURRN	88	25-12EURRN	50
15,87	16	5/8"				16	13-15EURRN	136	19-15EURRN	78	25-15EURRN	50
	18		17,20	3/8"	10		13-18EURRN	118	19-18EURRN	72	25-18EURRN	50
22,22	22	7/8"	21,30	1/2"	15		13-22EURRN	98	19-22EURRN	64	25-22EURRN	42
28,57	28	1-1/8"					13-28EURRN	78	19-28EURRN	48	25-28EURRN	40
34,92	35	1-3/8"	33,70	1"	25		13-35EURRN	58	19-35EURRN	36	25-35EURRN	24
41,27	42	1-5/8"	42,40	1-1/4"	32		13-42EURRN	48	19-42EURRN	32	25-42EURRN	22

Different thicknesses and diameters available on request.

Range with black covering not in stock, produced on request and based on minimum purchasing quantities.



CNX ADHESIVE

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



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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	± 1,5%	-	$d_D \leq 8$	± 1	3,0 mm	$D_{iD} + 1 \leq D_i \leq D_{iD} + 4$	$D_{iD} + 1 \leq D_i \leq D_{iD} + 6$
			$8 < d_D \leq 18$	± 1,5	-		
			$18 < d_D \leq 31$	± 2,5	-	-	
			$d_D > 31$	± 3	-	-	
Sheets	± 1,5%	± 2%	$d_D \leq 6$	± 1	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	± 1,5	-		
			$d_D > 19$	± 2	3,0 mm (thickness)		
Rolls	+ 5% - 1.5%	± 2%	$d_D \leq 6$	± 1	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	± 1,5	-		
			$d_D > 19$	± 2	3,0 mm (thickness)		
Tapes	+ 5% - 1.5%	± 2%	$d_D = 3$	- 0.1 + 1,5	-	-	-



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