

CUPRUMFOMA Spa - Società a socio unico
Capitale sociale Euro 250.000,00 i.v.
C.C.I.A.A. Brescia ITALIA
Iscl. Reg. Imp. 04107300982 - REA 588997
Cod. Fiscale e Partita IVA: 04107300982
Cod. IVA CEE: IT 04107300982

Sede legale amministrativa
Via Kennedy, 20
25020 Pralboino (Brescia) ITALIA
Tel. 030/9954378
Fax 030/9954390
pec:cuprumfomaspa@pec.it

Sede operativa e direzione commerciale
Via Caselle, 10
25081 Bedizzole (Brescia) ITALIA
Tel. 030/6871169 - Fax 030/6872100
www.cuprumfoma.it
info@cuprumfoma.it

INSULATED COPPER PIPES BL S1 D0



Copper pipe specification:

Alloy: Copper Cu DHP 99,90 min.
Dimensions and tolerances: according to EN 12735-1
Total residual: < 0,38 mg/dm²
Inside surface smooth and bright.
Physical state: annealed (R220 according to EN12735-1)
Excellent resistance to corrosion.
Suitable for gas R407C, R410A e R32

Insulation specification:

Expanded foamed polyethylene (PE) with closed cells.
Insulation thickness: available 6 mm - 9 mm – 13 mm
Fire reaction according to EN 13501-1: class BL S1 D0.
Odorless and non-toxic – CFC free
Thermal conductivity: λ 0,036 W/(m*K) t at 0° C
Permeability: $\mu \geq 7.500$
Medium Density: kg/m³ 45 ca.
Working temperature: -45° + 110°C

Description

The Frosten copper tube can be used in air conditioning and refrigeration systems and is suitable for use with all refrigerant gases compatible with copper, such as R407, R410A, and R32. Inline processing control through defectomat and constant monitoring of the outer diameter and thickness ensure the highest safety of the FROSTEN tube. The tubes are supplied clean, internally degreased, flattened at the ends. They are produced in accordance with EN 12735-1 standards and comply with ASTM B280 regulations.

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Packing-units:

25m or 50m coils individually wrapped in stretch-film.

Each coil is identified by an identification label with product name, dimensions and length.

SINGLE PIPE PACKING			
Ø	COIL METER	COIL/PALLET	METER/PALLET
1/4" (6,35)	25 / 50	22 / 20	550 / 1000
3/8" (9,52)	25 / 50	20 / 17	500 / 850
1/2" (12,7)	25 / 50	16 / 15	400 / 750
5/8" (15,88)	25 / 50	18 / 13	450 / 650
3/4" (19,05)	25	16	400
7/8" (22,22)	25	12	300
6	25	22	550
10	25	20	500
12	25	16	400
16	25	18	450
18	25	16	400
22	25	12	300

DOUBLE PIPE PACKING			
Ø	COIL METERS	COIL/PALLET	METERS/PALLET
1/4" - 3/8"	20	20	400
1/4" - 1/2"	20	20	400
1/4" - 5/8"	20	20	400
3/8" - 1/2"	20	17	340
3/8" - 5/8"	20	17	340
3/8" - 1/4"	20	11	220
6 - 10	20	20	400
6 - 12	20	20	400
10 - 12	20	17	340
10 - 16	20	17	340

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Diameter	Diameter	Thickness (mm)	Thickness min insulation	Roll leng. (mt)	Rolls number/ pallet (nr)	Total meters/ pallet (mt)	Working Pressure BAR	Water (l/mt)
1/4"	6,35	0,8	7	25	22	550	134,2	0,020
				50	20	1000		
1/4"	6,35	1	7	25	22	550	157,3	0,015
				50	20	1000		
3/8"	9,52	0,8	7	25	20	500	89,5	0,05
				50	17	850		
3/8"	9,52	1	7	25	20	500	104,9	0,045
				50	17	850		
1/2"	12,70	0,8	9	25	16	400	67,0	0,10
				50	15	750		
1/2"	12,70	1	9	25	16	400	78,6	0,09
				50	15	750		
5/8"	15,87	1	9	25	18	450	67,1	0,15
				50	13	650		
3/4"	19,05	1	9	25	16	400	52,4	0,23
7/8"	22,22	1	9	25	12	300	35,0	0,32