

Cupori 210 Ref (Frigo)

Cupori 210 (Frigo) copper tube is special tubing for industrial air conditioning and refrigeration installations. Its inner surface is bright, clean and dry. Cupori 210 (Frigo) meets all ASTM B280 and EN 12735-1 standard requirements and other general norms for refrigeration tubing. After cleaning, the tube is sealed at both ends to avoid contamination during transportation and storage.

Applications



Product features

- Special tube for air conditioning and refrigeration
- Meets EN 12735-1 and ASTM B280 standard requirements
- Various delivery methods
- Sealed after the cleaning process
- Bright, clean and dry internal surface

Copper Tube for Cooling, Hard (R290), EN 12735-1 5 m Straight Lengths in Boxes

Outer diameter, mm	Wall, mm	Inner diameter, mm	Kg per metre	Maximum allowable working pressure*, bar	Kg per tube	Coils per carton
10	0,8	8,4	0,207	99	1,0325	24
12	1,0	10,0	0,309	104	1,545	10
15	1,0	13,0	0,393	82	1,966	10
18	1,0	16,0	0,477	67	2,387	10
22	1,0	20,0	0,590	54	2,949	10
28	1,5	25,0	1,116	65	5,582	10
35	1,5	32,0	1,411	51	7,056	5
42	1,5	39,0	1,706	42	8,531	5
54	2,0	50,0	2,921	44	14,605	5

*) Maximum allowable internal working pressure of the tube is calculated and based on a calculation method according to German standards with safety factor 3.5 and working temperature of +20 °C. In calculation tensile strength (Rm) is 200 N/mm², which corresponds the temper of soft annealed tube. Calculated values are valid only for tubes not fittings.

Copper Tube for Cooling, Hard (R290), EN 12735-1
5 m Straight Lengths in Bundles

Outer diameter, mm	Wall, mm	Inner diameter, mm	Kg per metre	Maximum allowable working pressure*, bar	Kg per tube	Tubes per bundle	Kg per bundle
64,0	2,0	60,0	3,482	37	17,41	24	417,84
76,1	2,0	72,1	4,162	31	20,81	24	499,44
88,9	2,0	84,9	4,881	26	24,40	20	488,10
108,0	2,5	103,0	7,411	27	37,06	10	370,57

*) Maximum allowable internal working pressure of the tube is calculated and based on a calculation method according to German standards with safety factor 3.5 and working temperature of +20 °C. In calculation tensile strength (Rm) is 200 N/mm², which corresponds the temper of soft annealed tube. Calculated values are valid only for tubes not fittings.

Copper Tube for Cooling, Soft Annealed (R220), EN 12735-1
15 m Coils

Outer diameter, inches	Outer diameter, mm	Wall, mm	Inner diameter, mm	Kg per metre	Maximum allowable working pressure*, bar	Coils per carton
1/4"	6,35	0,8	4,75	0,125	164	65
5/16"	7,94	0,8	6,34	0,161	128	30
3/8"	9,52	0,8	7,92	0,196	104	24
1/2"	12,70	0,8	11,10	0,268	76	18
5/8"	15,87	1,0	13,87	0,418	76	14
3/4"	19,06	1,0	17,06	0,507	63	30

*) Maximum allowable internal working pressure of the tube is calculated and based on a calculation method according to German standards with safety factor 3.5 and working temperature of +20 °C. In calculation tensile strength (Rm) is 200 N/mm², which corresponds the temper of soft annealed tube. Calculated values are valid only for tubes not fittings.