

Copper tube for medical gas supply systems

The seamless drawn cupromed copper tube is suitable for the transportation of technical gases and refrigerants as well as medical gases and for vacuum.

cupromed meets the requirements for air-conditioning and refrigeration tube according to EN 12735-1 as well as the requirements of EN 378 and EN ISO 7396-1 regarding tube for medical gas supply units. cupromed additionally meets the requirements of the Pressure Equipment Directive 2014/68/EU.

The cupromed copper tube has a clean and dry inner surface and exceeds the requirements according to EN 13348.

The ends of cupromed copper tubes are closed in order to ensure the cleanliness of the inner surface during storage and transportation.

Material: Cu-DHP, Wieland-K20
Design: EN 13348 and EN 12735-1
Pressure Equipment Directive: compliant
Environmental declaration: according to ISO 14025

Standard dimensions of stock* cupromed			
Dimension (mm)	Weight nominal (kg/m)	Operating pressure** (bar)	Straight lengths (m/cardboard-box***)
6 x 1	0.140	224	200
8 x 1	0.197	162	100
10 x 1	0.253	126	75
12 x 1	0.309	104	50
14 x 1	0.365	88	50
15 x 1	0.393	82	50
16 x 1	0.421	76	50
18 x 1	0.477	66	50
22 x 1	0.590	53	50
28 x 1	0.758	42	50
28 x 1.5	1.116	63	25
35 x 1	0.955	33	25
35 x 1.5	1.411	50	25
42 x 1	1.152	28	25
42 x 1.5	1.706	42	25
54 x 1.5	2.212	32	20
54 x 2	2.921	43	20
64 x 2	3.483	36	5 m w/o cardboard
76.1 x 2	4.162	30	5 m w/o cardboard
88.9 x 2	4.881	26	5 m w/o cardboard
108 x 2.5	7.408	27	5 m w/o cardboard

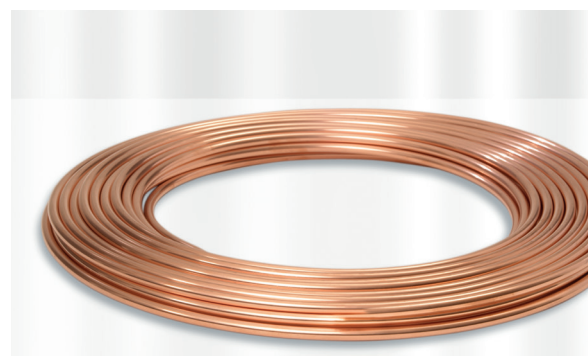
* other dimensions are available on request
** calculated with 3.0 times safety coefficient on the basis of soft copper tubes with R_m 200 N/mm² at an operating temperature of 100 °C to EN14726
*** packing unit

cupromed copper tube in straight lengths



Temper: hard as drawn R290 from stock
Ends: closed with plastic plugs/caps
Packing: in lengths of 5 m
in cardboard boxes upon agreement

cupromed copper tube in coils



Temper: soft R220
Ends: closed with caps
Packing: in foil
Dimensions: 10 – 12 – 14 – 16 – 22 x 1 mm

