

# CUPROFRIO®

## Copper tube for air conditioning and refrigeration

cuprofrío, the seamless drawn Wieland refrigeration tube is mainly used to transport technical gases and liquids in chillers, air-conditioning and refrigeration units as well as heat exchangers. An outstanding characteristic of cuprofrío is its clean and dry inner surface.

The tube ends are closed to maintain the defined condition of the inner surface also during storage and transportation.

cuprofrío tube meets the requirements of EN 12735-1 for copper tube used in air-conditioning and refrigeration. cuprofrío also meets the requirements of the Pressure Equipment Directive 2014/68/EU.

Wieland-Werke AG has concluded a separate warranty agreement with VDKF (Verband Deutscher Kälte-Klima-Fachbetriebe e. V. – Association of Refrigeration and Air Conditioning Contractors) covering property damage and bodily injury.

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



### cuprofrío standard dimensions from stock

Dimension (mm)	Weight nominal (kg/m)	Operating pressure** (bar)	Straight lengths (m/cardboard box***)
4 x 1	0.084	366	2 x 35
6 x 1	0.140	224	2 x 35
6 x 1	0.140	224	25
8 x 1	0.197	162	2 x 35
8 x 1	0.197	162	25
10 x 1	0.253	126	25
10 x 1	0.253	126	35
12 x 1	0.309	104	25
14 x 1	0.365	88	35
15 x 1	0.393	82	25
16 x 1	0.421	76	25
18 x 1	0.477	66	25
22 x 1	0.590	53	25

### cuprofrío standard dimensions from stock in coils

10 x 1	0.253	126	100 (loose)
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\* 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/mm<sup>2</sup> at an operating temperature of 100 °C according to EN 14726  
 \*\*\* packing unit