

COPPER SINGLE-TUBE

Technical specifications :

Annealed deoxidized phosphorous copper tube according to standard Cu-DHP, with copper content of 99,9% and P=0,015% - 0,040%.

Specifications : Copper tubes manufactured according to standards EN12735 Part 1-2, ASTM B68 and certified as per the requirements of PED 97/23.

Very high thermal conductivity. Stable mechanical properties that meet a wide range of temperatures. Excellent welding properties. Excellent cold forming.

Covered with a PVC sheath type K5405 according to standards IEC 60502 (thickness) and IEC 60332-3 (fire resistance), thickness 1,2mm. Sleeving by tubing. Standard colours: black or red. Other colours available on request, minimum length 300m.

Characteristic per diameter :

| Diam. of the copper tube before sleeving in mm | | Reference | Colour of the PVC sheath (other colours possible from 300m mini – on request) | | Thickness of the PVC sheath | Theoretical weight per meter in kg | Ext. diam. of the single-tube in mm | Minimum bending radius in mm | Maximum service pressure (in bar) |
|--|----------------|-----------|---|-------|-----------------------------|------------------------------------|-------------------------------------|------------------------------|-----------------------------------|
| Int. Diam. | Ext. Diam. | | Red | Black | | | | | |
| 4 | 6 | 01.12.91 | x | x | 1,2mm | 0,165 | 8,4 | 100 | 815 |
| 6 | 8 | 01.13.91 | x | x | 1,2mm | 0,230 | 10,4 | 100 | 610 |
| 8 | 10 | 01.14.91 | x | x | 1,2mm | 0,290 | 12,4 | 150 | 490 |
| 10 | 12 | 01.17.91 | x | x | 2mm | 0,490 | 14,4 | | 410 |
| 4,73 | 6,35 (1/4") | 01.15.91 | | x | 1,2mm | 0,155 | 8,75 | 100 | 770 |
| 7,53 | 9,53 (3/8") | 01.16.91 | | x | 1,2mm | 0,275 | 11,93 | 150 | 515 |
| 10,7 | 12,7 (1/2") | 01.18.91 | | x | 2mm | 0,490 | 15,1 | | 385 |

The above details are for information only.

Packing :

In coils of 25, 50 or 100 m

On drum for greater lengths

Available options on request :

- Annealed bare copper
- Copper based multitube
- Line with copper tube steam-tracing