



## Product information

WICU®Clim is a factory-made heat-insulated or cold-insulated copper tube used in refrigeration, air conditioning and heating applications. WICU®Clim is manufactured in inch sizes. The medium-carrying copper tube is produced based on the standard EN 12735-1 in all properties. The tubes are coated with a closed-cell PE foam, which reduces losses of cooling or heating energy. A PE film with high water vapor diffusion resistance prevents water vapor diffusion into the insulation and thus preserves a sustainable insulating effect of the flexible PE sheathing.

### Product advantages

- Flexible soft resilient cold and heat insulation.
- Economical processing with few joints
- High water vapor diffusion resistance

### Connection technologies

- Pressing
- Hard soldering
- Soft soldering

### Fire behaviour

- according to B<sub>L</sub>-s1,d0

### Thermal conductivity of the insulation

- $\lambda \leq 0,040 \text{ W/(m}\cdot\text{K)}$  at 20°C

### Applications

- Room air conditioning
- Refrigeration systems

### Material

- Cu-DHP, oxygen-free copper deoxidized with phosphorus.
- Material number: CW024A

### Sheath

- closed-cell PE foam with robust PE jacket
- 100 % CFC /FC free
- According to EN 13501-1

### Delivery form

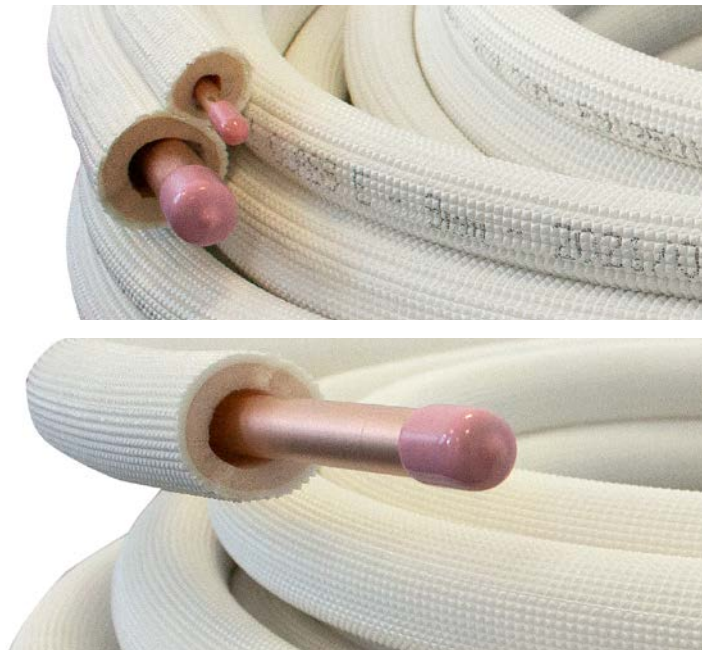
- Inner surface bright according to EN 12735-1
- Dimensional tolerances according to EN 12735-1
- Strength R220 (soft)
- In coils of 20, 25 and 50 m

### Packing

- Each coil is foiled and packed individually in a box

# WICU®Clim

Covered copper tubes for refrigeration and air conditioning technology



## Delivery Programme

WICU® Clim Air conditioning tubes in inch dimensions with white sheathing

WICU CLIM, strength R220 soft, in rings, packed in cartons

Art.-No.	Dimension ["]	Dimension [mm]	Coating	Length of Coil [mm]	min. coating thickness [mm]	max. permissible operating pressure [bar]	Water volume [l/m]
7500755	1/4"	6,35x0,8	single	50	9	171	0,018
7500757	3/8"	9,52x0,8	single	50	9	109	0,049
7500759	1/2"	12,70x0,8	single	50	9	80	0,097
7500754	1/4"	6,35x0,8	single	25	9	171	0,018
7500756	3/8"	9,52x0,8	single	25	9	109	0,049
7500758	1/2"	12,70x0,8	single	25	9	80	0,097
7500760	5/8"	15,88x1,0	single	25	9	77	0,151
7500762	3/4"	19,05x1,0	single	25	9	62	0,228
7500761	7/8"	22,22x1,0	single	25	9	53	0,321
7500763	1/4"+3/8"	6,35x0,8 & 9,52x0,8	dual	20	9	171/109	0,018/0,049
7500764	1/4"+1/2"	6,35x0,8 & 12,7x0,8	dual	20	9	171/80	0,018/0,097
7500765	1/4"+5/8"	6,35x0,8 & 15,88x1,0	dual	20	9	171/77	0,018/0,151
7500766	3/8"+5/8"	9,52x0,8 & 15,88x1,0	dual	20	9	109/77	0,049/0,151

The values of the maximum permissible operating pressure always refer to the material R200 and the respective dimension, **calculated with a safety factor of 3.0**, according to standard EN 14276:2020, which complies with the European directive PED 2014/68/EU (Pressure Equipment Directive). The minus tolerance of the wall thickness is considered. Further processing is not taken into account. Values valid up to 100°C operating temperature. For operating temperatures ↑100°C up to 250°C the operating pressure has to be recalculated.



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