COPPER ALLOYS

Capillary pipe

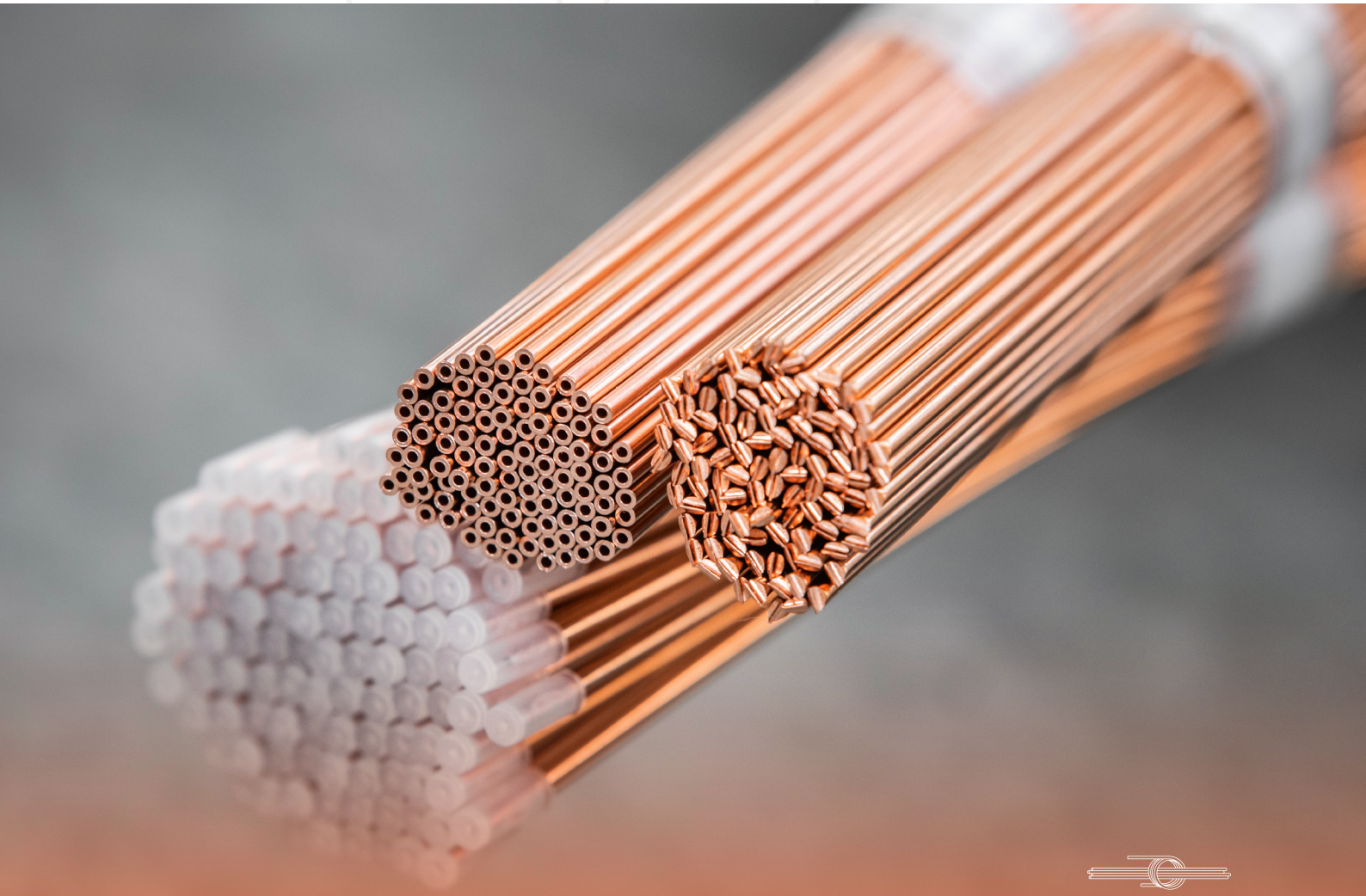
The Feinrohren copper capillary tube is available bare, tinned, galvanised or PE / PVC coated. It is supplied in rolls of up to 300 Kg or rods of various lengths, in the hard, semi-hard or annealed physical state. The Feinrohren capillary pipe is produced in compliance with the EN 12449 and EN 12450 standards and with customer specifications.
The Feinrohren capillary pipe is ideal for the production of domestic and industrial refrigerators, domestic and industrial air conditioners, hot and cold thermostats, thermocouples, thermometers and pressure gauges. Rolls of various lengths individually packed in PE bags are available for the distribution market.

Application sectors

- **Air conditioning**
- **Thermostats and thermocouples**
- **Refrigeration**

Custom solutions

Study and feasibility for the manufacture of copper pipes (and configurations) at the specific request of the customer, based on application requirements.



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feinrohren.it

FEINROHREN GROUP

Standard

Standard: EN 12449, EN 12450

Cu-DHP copper capillary pipe, available bare or covered in PE or PVC. Rolls up to 300 Kg in the hard, semi-hard or annealed physical state. For the production of heat thermostats, thermocouples, thermometers and rivets.

Green

Standard: EN 12449, EN 12450

Bare Cu-DHP copper capillary pipe, in rolls up to 300 Kg. Ideal for the production of domestic and industrial refrigerators, domestic and industrial air conditioners, heat exchangers.

Green Flow

Standard: EN 12450 and customer specifications

Bare Cu-DHP copper capillary pipe, manufactured to specific flow rate requirements. Available both in rolls (up to 300 Kg) and cut to size, in the hard, semi-hard and/or annealed physical state.
Ideal in the production of domestic and industrial refrigerators, domestic and industrial air conditioners, heat exchangers.

The GREEN, GREEN FLOW, GREEN SUPER FLOW, COSMOS TIN and COSMOS ZINC Capillary pipes are compatible with new and old generation refrigerant fluids.

Green Super Flow

Standard: EN 12450 and customer specifications

Capillary pipe of bare Cu-DHP copper, available in both rolls (up to 300 Kg) and cut to size (up to 6 metres), in the hard, semi-hard and annealed physical state. Ideal in the production of domestic and industrial refrigerators, domestic and industrial air conditioners and product heat exchangers with flow tolerances reduced by 50% compared to the reference standard EN 12450.

Cosmos Tin

Standard: EN 12450 and customer specifications

Cu-DHP copper capillary pipe with tin-plated outer surface.
The tinning, performed with COSMOS Feinrohren technology, is perfectly concentric and homogeneous, with a guaranteed thickness over the entire surface.
It is capable of withstanding corrosion tests for a duration four times longer than the standard tests required by manufacturers of refrigeration thermostats.
Available in rolls up to 120 Kg, PE-coated can also be requested.

Cosmos Zinc

Standard: EN 12450 and customer specifications.

Copper capillary pipe Cu-DHP with galvanised outer surface. As with the COSMOS TIN, galvanising is performed with COSMOS Feinrohren technology, guaranteeing a uniform thickness over the entire surface. Used as a restrictor, it was specially designed for the manufacture of domestic refrigerators and industries in which the particular anti-corrosion outer surface with galvanised coating is required. Available in rolls up to 120 Kg.

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