COPPER ALLOYS

Finned copper tube

Copper tubes with enhanced fins are designed to optimise heat transfer in various types of heat exchangers. These tubes represent an efficient and reliable solution for shell-and-tube type heat exchangers, such as evaporators and condensers, widely used in air conditioning and refrigeration systems. Thanks to their configuration, they offer high thermal performance and are ideal for applications in chillers, heat pumps and industrial cooling systems, contributing to improved energy efficiency and overall system performance.

Main Advantages

- **Heat transfer enhancement**
  The fins are designed to optimise heat transfer on both the tube side and the casing side, ensuring high performance in industrial applications.
- **Energy efficiency**
  Optimisation of overall energy efficiency and reduction of system life cycle costs.
- **Compact design**
  Significant reduction in the size of the heat exchangers, resulting in space savings and reduced refrigerant load.
- **Flexibility in materials**
  Available in a variety of materials to meet the specific needs of each application (CU-DHP, copper alloys, stainless steel etc.).
- **Service**
  Software for thermal performance simulation is available.

Application sectors

HVACR

Certifications

ASME/ASTM

EN

On request

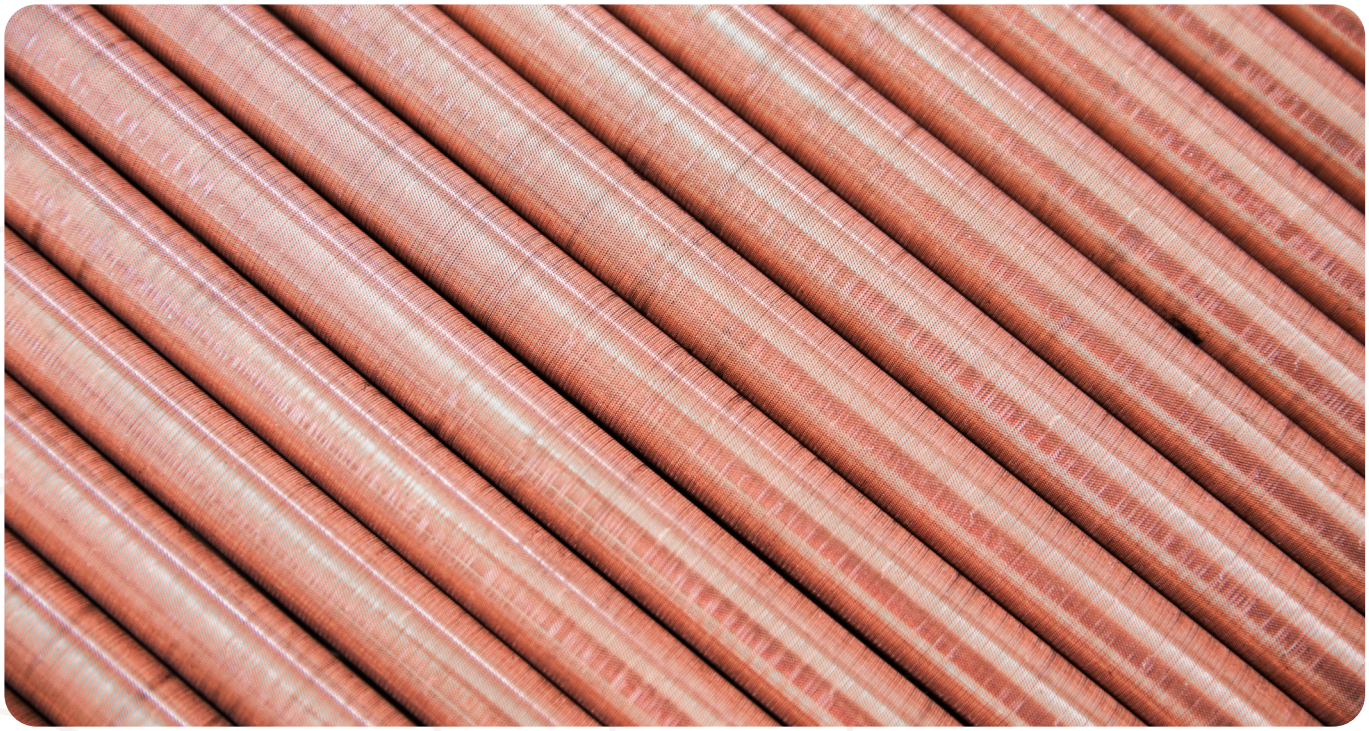
Customisation

We offer comprehensive customisation options to meet each Customer's specific needs. Tube lengths and materials, and fin configurations can be customised based on specific design specifications.



HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

FEINROHREN GROUP



Packaging

Our technical tubes are carefully packed in wooden crates to preserve their integrity and to ensure performance.



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