



Fin Tubes (Fintubes)

are tubing for air-cooled and recovery duty. They multiply the heat transfer surface of a bare tube. Used in air-cooled exchangers, economisers and can be built smaller. Supplied as extruded, welded, wrapped L / LL / KL foot and fin bond type matched to the gas-side temperature and fouling.

• Made to specification: حالة المخزون: مدة التوريد: 4 - 8 weeks depending on fin type and quantity

المزايا الرئيسية

- Five to twenty times the surface area of a bare tube
- Fin type selected against gas-side temperature, fouling and cleaning method
- Core tube supplied in carbon, stainless, duplex, Cr-Mo or nickel alloy
- Fin bond pull-off testing and core tube hydro reports on every batch

الأنواع والتكوينات

النوع	الموصفة
Extruded finned tubes	Aluminium muff extruded over the core tube, full bi-metallic cover, up to 300 C gas side
Embedded (G-fin) tubes	Fin rolled into a machined groove in the tube wall, mechanically locked, up to 400 C
High frequency welded fins	Solid or serrated steel fin HF welded to the tube, up to 500 C and higher with alloy fin
Wrapped L / LL / KL foot fins	Tension-wound aluminium fin, economical for ambient and low temperature duty
Studded tubes	Welded studs for heavy fouling and ash-laden flue gas in fired heaters
Longitudinal finned tubes	Welded longitudinal fin for double-pipe and viscous-fluid exchangers

المواصفات

الخاصية	القيمة
Core tube	Carbon steel, A179 / A192 / A210, stainless 304L / 316L / 321, duplex, Cr-Mo and nickel alloys
Fin material	Aluminium 1060 / 1100, carbon steel, stainless steel and copper
Fin geometry	Fin height 9 - 25 mm, 3 - 11 fins per inch, solid or serrated
Core tube size	15.88 mm to 50.8 mm OD typical, lengths to 18 m
Testing	Hydrostatic test on the core tube, fin bond and pull-off test, dimensional and fin count check

المواصفات القياسية

ASTM A179 / A192 / A210 (core tube), ASTM A213 (alloy core tube), API 661 (air-cooled exchangers), TEMA, EN 10204 3.1 / 3.2

القطاعات التي نخدمها

Oil & Gas, Petrochemical, Refining, Power Generation, Water & Desalination, Chemical Processing

التطبيقات النموذجية

- Air-cooled heat exchangers and fin-fan coolers
 - Economisers and waste heat recovery units
 - HRSG and boiler economiser sections
- Fired heater convection sections (studded tube)
 - Gas coolers, air heaters and process heaters
 - District cooling and HVAC coils