



FIN TUBES

For Air Cooled Heat Exchangers (ACHE)



Fin Tubes - Bare Tubes are fitted with Aluminium Fins / Muff Tubes by sophisticated machines as required. We have capacity to manufacture the following types of Fin Tubes.

G Embedded Fin Tubes	Knurled L Fin Tubes	L Wrap on Fin Tubes	Extruded Fin Tubes
			
Fin consists of an aluminium strip whose foot edge is tension wrapped and embedded into the primary tube wall.	An aluminum strip is folded to form an L shape and then wound around the base tube. The feet of the fins are joined together and covers the whole of the tube surface. The root of the fin is simultaneously knurled with the inner tube ensuring tight contact	The aluminium strip foot section is first formed into an L shape and then tension wrapped on to the base tube. Wound fin base sections are close to each other so as ensure a continuous cover over the primary tube surface. Finally, the fin strip is fastened at ends to prevent loosening.	A core tube, or liner is fitted into an aluminium primary tube. This tube-in-tube assembly is then fed into the finning machine quipped with three spindles. The gang discs which are stepped in profile and diameter will first extrude and shape the fin properly and then shrink fit the primary tube on its liner.
Maximum working temperature : 400 °C/750 °F	Maximum working temperature : 250 °C/480 °F	Maximum working temperature : 120 °C/250 °F	Maximum working temperature : 300 °C/570 °F
Atmospheric corrosion resistance : Poor	Atmospheric corrosion resistance : Acceptable	Atmospheric corrosion resistance : Acceptable	Atmospheric corrosion resistance : Excellent
Mechanical resistance : Acceptable	Mechanical resistance : Acceptable	Mechanical resistance : Poor	Mechanical resistance : Excellent
Capacity : 11,23,200 R.Mtrs/Year	Capacity : 5,61,600 R.Mtrs/Year	Capacity : 5,61,600 R.Mtrs/Year	Capacity : 18,72,000 R.Mtrs/Year

MOC: CS, LAS, SS, DSS, STSS, Incoloy 625, Incoloy 825, 6 Molybdenum, Titanium. We also provide finned tubes with speciality metals like Copper, Admiralty Bronze in our facility. We produce Fin Tubes from OD 16mm (5/8") to 50mm (2") max OD.



Installed in 29+ Countries

Annual Finning Capacity - 4,118 KM

Annual Tube Bundle Capacity - 750



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