

Admiralty & Aluminium Brass Tubes



PRODUCT RANGE:

- * Outside Diameter : (5/16") 8.0mm to (4 1/4") 108mm
- * Wall Thickness: (0.020") 0.50mm min.
- * Length: (16.50") 6 mm max in Straight Length

Chemical composition

Classification	Class	CHEMICAL COMPOSITION (WEIGHT %)											RELATED STANDARDS						
		Cu	Zn	Pb	Fe	P	Sn	Ni	Mn	Al	As	Other	IS	JIS	ASTM	DIN	EN		
Admiralty Brass Tubes	1	70.0-73.0	Rem.	0.07 max	0.06 max.		0.9-1.2						0.02-0.08		IS 1545, CuZn28 Sn1As	H 3300 C 4430	B 111, B 135, C 44300	1785, 17660 CuZn28 Sn1	12451, CW 706R
Aluminum Brass Tubes	1	76.0-79.0	Rem.	0.07 max.	0.06 max.					1.8-2.5			0.02-0.10		IS 1545, CuZn20 Al2As	H 3300 C 6870	B 111 C 6870	1785, 17600 CuZn20 Al2	12451, 12449, CW 702R

Mechanical Properties

BRASS	TEMPER	DESIGNATION	Outside Diameter	Wall Thickness	Tensile Strength	% Elongatio	Yield Strength
Admiralty Brass	O61	C 44300	5mm and over upto 108mm	0.8mm and over upto and incl 10mm	310min.	45min.	105min.
Aluminum Brass	O61	C 68700	5mm and over upto 50mm	0.8mm and over upto and incl 10mm	345min.	45min.	125min.



Application

C44300 Admiralty Brass Tube Evaporators, Condensate Coolers, Heaters, Vent Condensers, Water Heaters, Generator, Air Coolers, Turbine Oil Coolers for Petrochemical, Ship-building, Power plants and Desalinations plants.

C68700 Aluminum Brass Tube Steam Ejector Inter and After Condensers, Gland Steam Condensers, Feed Water Evaporators for Petrochemical, Ship-building, Power plants and Desalinations plants.