

Cupro Nickel Tubes



Product Range:

* Outside Diameter:- 5.0mm to 159mm

* Wall Thickness:- 0.50mm min.

* Length:- 16.50 mtr max in Straight Length depending on O. D.

* C 70400 (CuNi 95/5)

* C 70600 (CuNi 90/10)

* C71500 (CuNi70/30)

* C71640 (CuNiFe)

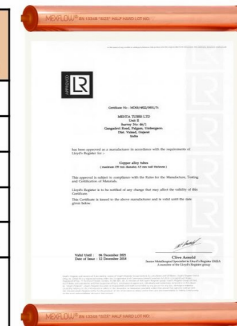
* C71000 (CuNi80/20)

Chemical Composition

Classification	Class	Chemical Composition (weight %)										Related Standards						
		Cu	Zn	Pb	Fe	P	Sn	Ni	Mn	Al	As	Other	IS	JIS	ASTM	BS	DIN	EN
CuNi TUBES	1	Rem.	1.0m ax.	0.05 max	1.3-1.7			4.8-6.2	0.3-0.8						B111 C70400			
	2	Rem.	0.50 max.	0.05 max.	1.0-1.8			9.0-11.0	1.0m ax.			IS 1545, CuNi10F e1	H3300, C 7060	B111, B 466 C70600	2871, CN 102	1785,860 19, 17664, CuNi10F e1Mn	12451, EEMUA 144, CW 352H	
	3	Rem.	0.50 max.	0.05 max.	0.40-1.0			29.0-33.0	1.0m ax.			IS 1545, CuNi30M n1Fe	H3300, C 7150	B111, C71500	2871, CN 107	1785, 17664, CuNi30M n1Fe	CW 354H	
	4	Rem.	0.50 max.	0.05 max	0.50-1.0			19.0-23.0	1.0 max					B111, C71000				

Mechanical properties

Classification	TEMPER	DESIGNATION	Cu Alloy UNS No.	Outside Diameter	Wall Thicknes	Tensile Strength	% Elongatio	Yield Strength
Copper Nickel Tube	O61	Annealed	C70400	5-108	0.8-10	260min.	40min.	85min.
	H55	Light Drawn	C70400	5-108	0.8-10	275min.	40min.	205min.
	O61	Annealed	C70600	5-159	0.8-10	275min.	35min.	110min.
	H55	Light Drawn	C70600	5-159	0.8-10	310min.		240min.
	O61	Annealed	C71500	5-54	0.8-10	360min.	30min.	125min.
	HR50	Drawn Sress Relived	C71500	5-54	1.22-10	495min.	12min.	345min.



Application

Condenser, Evaporator and Heat Exchanger Tubes, Saltwater Piping, Distillation Plants for Petrochemical, Ship-Building, Power Plants and Desalination Plants etc,

Marine Approved by LRA



MEHTA TUBES LTD.

The Company With Mettle