

Copper Tubes



Product Range:

- Outside Diameter : (3/16") 4.76mm - (6^{1/4}") 159mm
- Wall thickness : (0.018") 0.45mm (min)
- Length : 15mtr(max) in Straight / 150mtr (max) in Coil
Subject to O. D. & W. T.

Mechanical Properties

MECHANICAL PROPERTIES							
Classification	TEMPER	DESIGNATION	Outside Diameter (mm)	Wall Thickness (mm)	Tensile Strength in Mpa	% Elongation	Hardness in VPN
Tough Pitch Copper	O	C 11000	5-150	0.5-30	255max.	25min.	60max.
	1/2H		5-150	0.5-25	220min.	20min.	75-100
	H		5-100	0.5-6	260min.	8min.	100min.
Phosphorous Deoxidized Copper	O	C 12000	4-150	0.3-30	205min.	40min.	60max.
	OL		4-150	0.3-30	205min.	40min.	75-100
	1/2H	C 12200	4-150	0.3-30	250min.	30min.	75-100
	H		4-150	0.3-10	310min.	3min.	100min.
Phosphorous Deoxidized Arsenic	O	C 14200	4.0min.		205min.	40min.	60max.
	1/2H		4.0min.		235min.	30min.	75-100

Chemical Composition

Classification	Class	CHEMICAL COMPOSITION (WEIGHT %)											Related Standards					
		Cu	Zn	Pb	Fe	P	Sn	Ni	Mn	Al	As	Other	IS	JIS	ASTM	EN		
Tough Pitch Copper	CW004A	1	99.90min.												IS 2501, ETP	H 3300 C 1100	B 188 B 111, C11000	12449,13600 CW004A
Phosphorous Deoxidized Copper	CW024A	Low Residual	99.90min.			0.004-0.012								IS 2501, IS 1545, DLP	H 3300 C 1201	B 75 C12000		
		High Residual	99.90min.			0.015-0.040								IS 2501, IS 1545, DHP	H 3300 C 1220	B 75, B 68, B88, B111, B280, B819,	12735, 12449, 12451,1057, 13348, CW024A	
Phosphorous Deoxidized Arsenic Copper		High Residual	99.40min.			0.015-0.040							0.15-0.50	IS 2501, DPA		B111, C 14200		

Application

Copper: Air Conditioner, Heater & Oil Lines, Brewery Tubes, Steam and Water Lines, Evaporator and Heat Exchanger Tubes, PNG, Medical Gas, Instrument Tubing, Sugar Tubes, Machine Parts.



MEHTA TUBES LTD.

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