

MELCO® PLAIN COPPER TUBES

Copper tube for domestic supply water, heating & town gas



Range & Technical Data - BS EN1057

Nominal Outside Diameters & Thickness		Tolerances on Outside Diameter				Tolerances on Wall Thickness		Tensile Strength	Elongation
Nominal Outside Diameter mm	Nominal Wall Thickness mm	Mean Outside Diameter Tolerance (1)		Any Diameter Tolerance (2)		Wall Thickness Tolerance (3)			
		Max.	Min.	Max.	Min.	Max.	Min.	Mpa	%
15	0.7	15.04	14.96	15.09	14.91	0.77	0.63	250	30
15	1.0	15.04	14.96	15.09	14.91	1.13	0.87	250	20
22	0.9	22.05	21.95	22.10	21.90	0.99	0.81	250	30
22	1.2	22.05	21.95	22.10	21.90	1.38	1.02	250	20
28	0.9	28.05	27.95	28.10	27.90	0.99	0.81	250	30
28	1.2	28.05	27.95	28.10	27.90	1.38	1.02	250	20
35	1.2	35.06	34.94	35.11	34.89	1.32	1.08	290	3
35	1.5	35.06	34.94	35.11	34.89	1.72	1.27	290	3
42	1.2	42.06	41.94	42.11	41.89	1.32	1.08	290	3
42	1.5	42.06	41.94	42.11	41.89	1.72	1.27	290	3
54	1.2	54.06	53.94	54.11	53.86	1.32	1.08	290	3
54	2.0	54.06	53.94	54.11	53.86	2.30	1.80	290	3
66.7	1.2	66.77	66.63	66.85	66.55	1.38	1.02	290	3
66.7	2.0	66.77	66.63	66.85	66.55	2.30	1.70	290	3
76.1	1.5	76.17	76.03	76.25	75.95	1.72	1.27	290	3
76.1	2.0	76.17	76.03	76.25	75.95	2.30	1.70	290	3
108	1.5	108.07	107.93	108.20	107.80	1.72	1.27	290	3
108	2.5	108.07	107.93	108.20	107.80	2.87	2.12	290	3
159	2.0	159.20	158.80	158.70	157.30	2.30	1.70	290	3

(*) Half hard

(1) Mean diameter is the arithmetical mean of any two diameters normal to each other at the same cross section.

(2) Including deviation from circular form, i.e. the difference between the max. & min. outside diameters measured at any cross section of the tube.

(3) Including deviation from concentricity, i.e. half the difference between the max. & min. wall thickness measured at the same cross section of the tube.

Packaging

Marking : MELCO® - BS EN1057 Diameter X Thickness - Temper I-I-I for R250

Supplied in 5.8m length.

MELCO® copper tubes are specially designed to be used in domestic water supply & heating systems, as well as for the transport of town gas.

MELCO® copper tubes are made of phosphorus-deoxidised copper with a copper purity of at least 99.9%.

MELCO® tubes conforms to the requirements of worldwide & local certification.