ANNEALED SEAMLESS COPPER TUBE (Category 45)

Imperial Copper Tube - Manufactured to AS1432

Sold in Full Coils Only



Code	Tube Size	Tube Size	Coil Length	Working Pressure Max (PSI)	Burst Pressure (PSI)
45-0220	1/8x20#	3.18x0.91	6m	4200	16900
45-0222	1/8x22#	3.18x0.71	30m	2900	13200
45-0320	3/16x20#	4.76x0.91	6m/30m	2450	11090
45-0420	1/4x20#	6.35x0.91	6m/12m/30m	1750	8300
45-0520	5/16x20#	7.94x0.91	6m/30m	1360	6640
45-0620	3/8x20#	9.52x0.91	6m/12m/18m	1110	5540
45-0820	1/2x20#	12.7x0.91	6m/18m	810	4150
45-1020	5/8x20#	15.9x0.91	18m	640	3320
45-1219	3/4x19#	19.05x1.02	18m	530	2770
45-1618	1’’x18#	25.4x1.22	18m	535	2780

Japanese Metric Copper Tube to JIS C1220T (ASTM C22200)

Sold in Full Coils Only



Code	Tube Size	Coil Length	Working Pressure Max (KPA)	Burst Pressure (KPA)
45-M0407	4mm x 0.75	10m/20m	16020	75000
45-M1010	10mm x 1.00	10m/20m	8160	40000

The working pressures listed above are theoretical working pressures based on a tensile strength of 30,000 PSI (206 MPA) and a temperature range of -29º to 38º C (-20º to 100º F).

For higher temperatures, the table to the right can be used as a guide. Multiply the working pressure of the tube by the multiplication factor for the relevant temperature. E.g. : The working pressure of 3/8x20# tube @ 149ºC = 1212x0.78 = 945 PSI.

Precautions should be taken to prevent mediums such as water from freezing within the tube as this can result in the tube bursting.

Temp ºC	Multiplication Factor
66	0.85
93	0.80
121	0.80
149	0.78
177	0.67
204	0.50

BUNDYWELD STEEL TUBING (Category 45)



- Sold only in full 5.3 metre lengths.
- Can be supplied in straight lengths or coiled.
- Bundy Tube comes copper coated to help prevent corrosion.

Tube Size Imperial	Tube Size Metric	Standard Length	Product Code Straight Length	Product Code Coiled	Working Pressure Max (PSI)	Burst Pressure (PSI)
3/16x22#	4.76x0.71	5.3m	45-B0322	45-B0322C	2770	13870
1/4x22#	6.35x0.71	5.3m	45-B0422	45-B0422C	2000	10074
5/16x22#	7.94x0.71	5.3m	45-B0522	45-B0522C	1570	7884
3/8x22#	9.52x0.71	5.3m	45-B0622	45-B0622C	1430	7151