

COPPER TUBING

Metric and Imperial sizes of commercial quality coils of copper tube for general engineering purposes generally comply to BS 2871 Part 2: 1972 Table 4. These tubes are suitable for hydraulic and lubrication circuits, compressed air lines, oil, water, gas, machine coolant and instrumentation lines and other engineering applications.

The tubes are manufactured from copper to BS 6017: 1981/CU-DHP, and manufacturing tolerances ensure suitability for use with both capillary and compressed type fittings.

The preferred size of tubes and safe working pressures are shown below. Coils are available in various lengths, generally 10, 20 and 30 metres. Other sizes and lengths can be manufactured to specific requirements.

Commercial coils are individually packed in sealed polythene bags and identified with a printed label.

When installing commercial quality copper tube, the tube can be soldered or brazed and manipulated without further treatment - normal bending techniques can be used.

Jointings can be done with appropriate size capillary or compression fittings.

TYPE: SOFT COILED COPPER TUBING BS2871 PART 2							
IMPERIAL RANGE:							
TUBE O.D. (INCHES)	WALL THICKNESS (INCHES)	WALL THICKNESS (SWG)	WORKING PRESSURE (PSI)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (PSI)	BURSTING PRESSURE (BAR)	WEIGHT (KG/MTR)
1/8	0.036	20	6300	430	25,300	1740	0.060
3/16	0.036	20	3100	210	12,000	825	0.095
1/4	0.036	20	2200	150	10,200	700	0.131
5/16	0.036	20	1700	115	7800	535	0.177
3/8	0.036	20	1400	95	6400	440	0.224
1/2	0.036	20	1000	70	4700	320	0.295
5/8	0.036	20	1000	70	4000	275	0.384
3/4	0.036	20	800	55	3300	225	0.466

Special Note: The above working pressures are for guidance purposes only. Your design pressure should include a suitable allowance over the working pressure to allow for possible fluctuations of pressure during operation. This allowance should be separately determined for each application by your design department.

OTHER SIZES AVAILABLE ON REQUEST

BACK TO

CATALOGUE