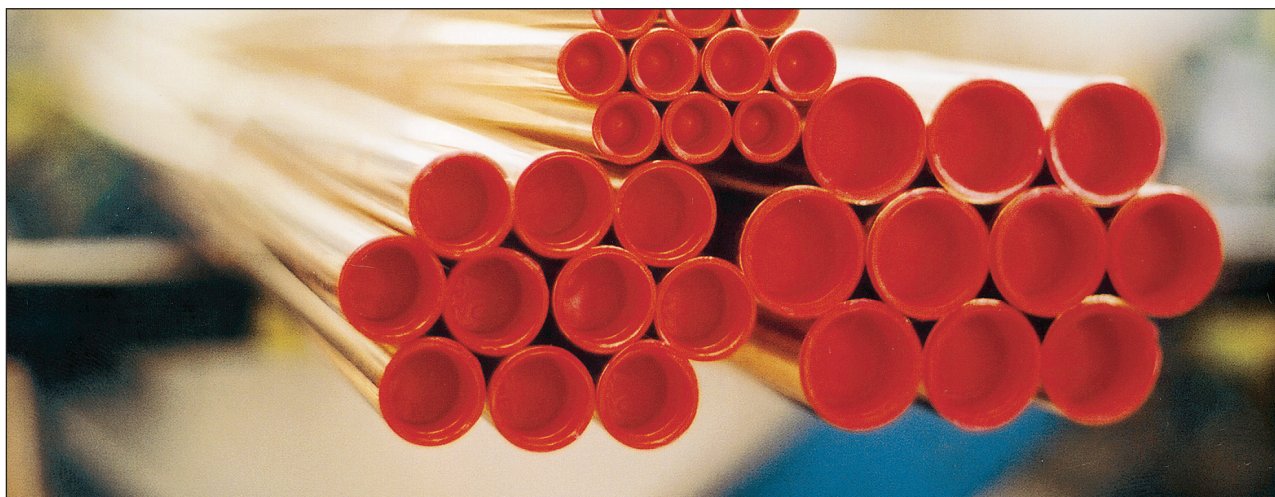


Medical Gas Tube Working Pressures Data Sheet



Dimensions and Tolerances

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O.D. (mm)	Wall (mm)	Temper	Max Working Pressure bar up to 65°C	Thickness Tolerance	Diameter Tolerance	
					Mean	Including Ovality
12	0.6 (TX)	Half Hard	63	±10%	± 0.04mm	±0.09mm
12	0.8 (TY)	Half Hard	87	±10%	± 0.04mm	±0.09mm
15	0.7 (TX)	Half Hard	58	±10%	± 0.04mm	±0.09mm
15	1.0 (TY)	Half Hard	87	±13%	± 0.04mm	±0.09mm
22	0.9 (TX)	Half Hard	51	±10%	± 0.05mm	±0.10mm
22	1.2 (TY)	Half Hard	69	±15%	± 0.05mm	±0.10mm
28	0.9 (TX)	Half Hard	40	±10%	± 0.05mm	±0.10mm
28	1.2 (TY)	Half Hard	55	±15%	± 0.05mm	±0.10mm
35	1.0	Hard	42	±15%	± 0.06mm	±0.07mm
35	1.2 (TX)	Half Hard	42	±10%	± 0.06mm	±0.11mm
35	1.5 (TY)	Hard	64	±10%	± 0.06mm	±0.07mm
42	1.0	Hard	35	±15%	± 0.06mm	±0.07mm
42	1.2 (TX)	Half Hard	35	±10%	± 0.06mm	±0.11mm
42	1.5 (TY)	Hard	53	±10%	± 0.06mm	±0.07mm
54	1.0	Hard	27	±15%	± 0.06mm	±0.07mm
54	1.2 (TX)	Half Hard	27	±10%	± 0.06mm	±0.11mm
54	2.0 (TY)	Hard	55	±10%	± 0.06mm	±0.07mm
66.7	1.2 (TX)	Hard	26	±15%	± 0.07mm	±0.10mm
66.7	2.0 (TY)	Hard	45	±15%	± 0.07mm	±0.10mm
76.1	1.5 (TX)	Hard	29	±15%	± 0.07mm	±0.10mm
76.1	2.0 (TY)	Hard	39	±15%	± 0.07mm	±0.10mm
108	1.5 (TX)	Hard	20	±15%	± 0.07mm	±0.20mm
108	2.5 (TY)	Hard	34	±15%	± 0.07mm	±0.20mm
133	1.5 (TX)	Hard	16	±15%	± 0.20mm	±0.70mm
159	2.0 (TX)	Hard	18	±15%	± 0.20mm	±0.70mm
219	3.0 (TX)	Hard	20	±15%	± 0.60mm	±1.50mm

Working pressures are to BS
2871:part1:1971

Medical Gas Tubes to BS EN 13348

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Material Temper EN 1173	Tensile Strength min. (N/mm ²)	Elongation min. (%)	Hardness (Indicative) HV5 VPN
R250 (Half Hard)	250	30 (TX) 20 (TY)	75-100
R290 (Hard)	290	3	Over 100