

Champion Quick-Lock Tubing

Technical Information - C9000 Calibrated Aluminum Tubing

Outside Diameter mm (in)	Typical Compressor Flow CFM @ 125 PSIG	Max. Pressure barg / psig	Weight lbs./ft.	Length ft.
20 (0.75")	14 - 34	15 / 220	0.159	16'
25 (1.00")	44 - 66	15 / 220	0.202	16'
32 (1.25")	88 - 132	15 / 220	0.262	16'
40 (1.50")	168 - 220	15 / 220	0.331	16'

Extruded Aluminum
Chemical Composition
Designations UNI EN 573 - 3
Heat Treatment
Surface Treatment
Specific Weight
Specific Resistance
Thermal Conductivity
Expansion Coefficient
Specific Heat @ 100° C (212°F)
Bearing Tensile Stress
Coefficient of Elasticity
Proportionality Deviation Load
Brinell Hardness
Melting Point
Percentage Elongation

UNI 9006/1 Al Mg 0.5 Si 0.4 Fe 0.2
Si: 0.3 ÷ 0.6 - Mg: 0.35 ÷ 0.6 - Fe: 0.10 ÷ 0.30
EN AW 6060
Bonificato "T5"/ Drained "T5"
Electrostatic painting
2.70 Kg/dm3
3.25 µΩ cm
1.75 W/(cm °K)
0.024 mm/(m °C)
0.92 J/(g °K)
205 N/mm2
66000 N/mm2
165 N/mm2
60 ÷ 70 HB
600°C (1112°F)
10%