

TECHNICAL SPECIFICATION -

Working Temperature Range (Air)

Minimum Working Temperature = -20°C

Maximum Working Temperature = +70°C

Also suitable for vacuum.

Working Pressure

Super Speedfit fittings are suitable for the following pressure.

Temperature	Size	
	4mm- 8mm 5/32" - 5/16"	10mm - 12mm 3/8" - 1/2"
- 20°C	16 Bar	10 Bar
+23°C	16 Bar	10 Bar
+70°C	10 Bar	7 Bar

The above ratings are for air when *Super Speedfit* fittings are used with John Guest Nylon Tube. For use with other fluids or other tube or at other temperatures and pressures, please consult our Customer Services Department.

Tube Types

Plastic Tube

Polyethylene, Nylon and Polyurethane conforming to the tolerances shown below. For soft tubing or thin wall tube we recommend the use of tube inserts.

The recommended minimum ID of Nylon tubes is shown in the table below.

Braided Tube

Use of Tube to Hose Stems and Elbows is essential when using braided tube. Use of clamps to retain braided tube on barbs is recommended.

Metal Tube (soft)

Brass, copper or mild steel conforming to the tolerances below.

Metal Tube (hard)

We do not recommend Super Speedfit Fittings for hard metal tubes.

It is essential that outside diameters be free from score marks and that the tube be deburred before inserting into the fitting.

Tube Tolerances

Super Speedfit fittings are offered for Nylon tube with the following dimensions:-

Size (Inches)	5/32 - 3/16	1/4 - 1/2
Tolerance (Inches)	+0.001 / -0.003	+0.001 / -0.004