

## Reducer 5mm – 22mm



Accepted by almost all the world's beer and beverage producers and by the manufacturers of drinks dispense equipment, John Guest products have quality and performance approvals from leading testing and acceptance authorities.



FM01977 - ISO 9001



NOTE: For information on approvals and accreditations pertaining to an individual product or product range please refer to our Technical Support department.

## - Technical Specification

### Technical Specification

#### Working Pressure and Temperature Range

**Super Speedfit** fittings are suitable for the following pressures and temperatures.

	Pressure	
Temp.	5/32" – 5/16" 4mm – 8mm	3/8"- 1/2" 10mm – 22mm
Air		

-20°C	16 Bar	10 Bar
Potable Liquids and Air		
+1°C	16 Bar	10 Bar
+20°C	16 Bar	10 Bar
+65°C	10 Bar	7 Bar

#### Also suitable for vacuum

Depending on the tube used, under certain conditions fittings may be used at higher pressures and temperatures. Please refer to our Customer Services Department for guidance. Note 1 Bar = 14.5 PSIG.

### 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.

Braided Tube – Use of Tube to Hose Stems listed on pages 11, 16, 18, 21 and 26 is essential when using 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 or chromium plated tubes.

For stainless steel and other polished metal tubes we recommend the use of Superseal fittings. These are shown on page 9 of this brochure. It is essential that outside diameters be free from score marks and that the tube be deburred before inserting the fitting.

### Tube Tolerances

**Super Speedfit** fittings are offered for tubes with outside diameters to the following tolerances.

Size (inches)	5/32 – 3/16	1/4 – 1/2
Tolerance (inches)	+0.001 / -0.003	+0.001 / -0.004
Size (mm)	4mm – 5mm	6mm – 2mm
Tolerance (mm)	+0.05 / -0.07	+0.05 / -0.10