

Datasheet

RS Stock No.9172371

RS Pro Black Polyurethane Tube



Suitable for a wide range of applications, such as pneumatic control systems, demanding a flexible and cut-resistant tube with maximum kink-resistance and minimum kink memory

Features and Benefits

- Low temperature flexibility.
- Exceptional abrasion resistance.
- Maximum kink-resistance; minimum kink memory.
- Resistant to a wide range of chemicals.
- Compliant with F&DA regulations.
- Easy to fit in confined spaces.
- Meets the standards of the push fit type couplings.
- Silicone free.
- 95/98 Shore A hardness.
- Service Temperature -40°C to + 55°C.
- 4:1 safety factor.

Applications

- Pneumatic control systems.
- Fuel and lubrication lines.
- Chemical transfer tubing.

RS Stock Number	9172365	9172369	9172378	9172371	9172375
Internal diameter	2.5 ± 0.10mm	4.0 ± 0.12mm	5.0 ± 0.20mm	7.5 ± 0.20mm	9.0 ± 0.20mm
External diameter	4.0 ± 0.10mm	6.0 ± 0.20mm	8.0 ± 0.20mm	10.0 ± 0.20mm	12.0 ± 0.20mm
Length Tolerance	BS EN ISO 1307 (± 1%)				
Maximum Working Pressure	11 Bar	10 Bar	10 Bar	7.5 Bar	6.5 Bar
Minimum Burst Pressure	44 Bar	40 Bar	40 Bar	30 Bar	26 Bar
Bend radius	25mm	40mm	50mm	75mm	90mm
Working Temperature	- 50°C to + 55°C				
Material	Polyurethane (Ester Based)				
Material Softness	95/98 Shore A hardness				
Weight per metre	0.01Kg	0.023Kg	0.040Kg	0.044Kg	0.069Kg
Coil Weight	0.30Kg	0.70Kg	1.20Kg	1.32Kg	2.06Kg

