

PNEUMATIC POLYURETHANE TUBE

PPU Series

Copely



A high strength and flexible polyurethane tube designed for use in pneumatic systems. Extremely flexible, even at low temperatures and resistant to cuts, abrasion, kinks and flattening. This tube is designed to work with all pneumatic push in fittings.

Key Features:

- Manufactured from polyether polyurethane for use in a wide range of applications.
- Glass clear for excellent visibility.
- Translucent colours also available for identification of pneumatic lines.
- Wide temperature range: -50°C – +80°C with occasional use up to 100°C.
- Suitable for use with fuels, oils, greases, solvents, chemicals and gasses.
- Resistant to cuts and external abrasion.
- Excellent resistance to kinking and flattening.
- DEHP, Phthalate free and RoHS3 compliant.
- Compatible with all common push in couplings.

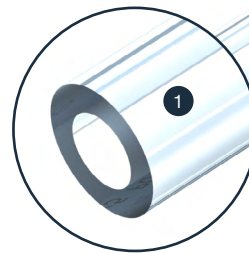
Sizes:

- Available from stock in 30m coils

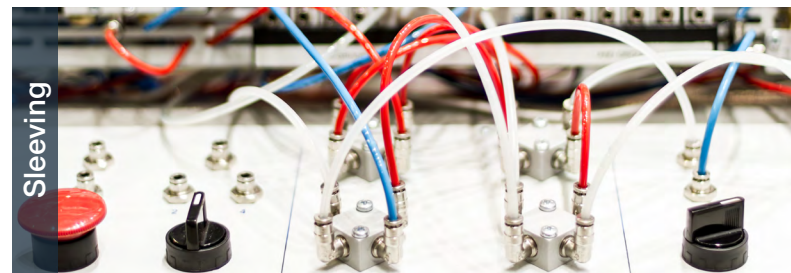
Colours:

- Clear, translucent blue and translucent black

 Custom sizes and colours available on request
subject to minimum order quantities



1. Ether based polyurethane



Applications:

- Pneumatic control systems.
- Industrial robotics
- Pneumatic valves
- Fuel and lubrication lines
- Control instrumentation
- Chemical transfer
- Conveyance of some liquid, dry powders, gases and granules



Product Ref	Internal Diameter	External Diameter	Maximum Working Pressure	Minimum Burst Pressure	Weight per Metre	Bend Radius
PPU4/2.5	2.5 mm	4 mm	20 Bar	80 Bar	0.266 Kg	13 mm
PPU6/4	4 mm	6 mm	17 Bar	68 Bar	0.546 Kg	22 mm
PPU8/5.5	5.5 mm	8 mm	16 Bar	64 Bar	0.922 Kg	31 mm
PPU8/6	6 mm	8 mm	12 Bar	48 Bar	0.765 Kg	38 mm
PPU10/7	7 mm	10 mm	15 Bar	60 Bar	1.393 Kg	40 mm
PPU12/8	8 mm	12 mm	17 Bar	68 Bar	2.186 Kg	43 mm