

Superflex Nylon

NMSF Series



Superflex, developed for compact pneumatic control systems, provides superior flexibility, negating the need for elbow fittings. This pliable nylon tubing, with an extremely high impact resistance and quality finish, simply pushes into a coupling for ease of use and is used worldwide by the pneumatics industry.

KEY FEATURES:

- | Superior flexibility.
- | Resistant to a wide range of chemicals.
- | Silicone-free.
- | RoSH compliant.

- | High impact resistance.
- | Service temperature -40°C to +80°C.
- | Manufactured in accordance with BS 5409.

SIZES:

- | Available in 30m coils
- | 4mm to 12mm OD
- | Custom sizes available on request

COLOURS:



- | Natural
- | Black
- | Blue
- | Red
- | Yellow
- | Green
- | Custom sizes and colours available on request subject to minimum order quantity.

APPLICATION EXAMPLES:

- | Widely used by the caravan industry for piping water and chemicals.
- | Popular for pharmaceutical / scientific applications for the transfer of chemicals.
- | Air applications such as pneumatic tools.
- | For the transfer of food substances and liquids.

Product Ref		NMSF04	NMSF05	NMSF06	NMSF08	NMSF10	NMSF12
Ex Stock	30m roll	● ● ●		● ● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Nominal size		4.0 x 2.5mm	5 x 3.3mm	6 x 4mm	8 x 5.5mm	10 x 7mm	12 x 8.5mm
Internal Diameter		2.5 ± 0.20mm	3.3 ± 0.20mm	4.0 ± 0.20mm	5.5 ± 0.20mm	7.0 ± 0.20mm	9.0 ± 0.30mm
External Diameter		4.0 ± 0.055mm	4.975 ± 0.075	6.0 ± 0.10mm	8.0 ± 0.10mm	10 ± 0.12mm	12.0 ± 0.15mm
Length Tolerance		(± 1%)					
Maximum Working Pressure		15.5 Bar	14.5 Bar	14 Bar	13.75 Bar	13.25 Bar	12.75 Bar
Minimum Burst Pressure		62 Bar	58Bar	57 Bar	55 Bar	53 Bar	51 Bar
Bend radius		25mm	30mm	35mm	45mm	60mm	70mm
Working Temperature		80°C Maximum					
Material Softness		Shore D Hardness 52					
Flammability		HB (Self extinguishing)					
Weight per meter		0.009Kg	0.012Kg	0.017Kg	0.027Kg	0.042Kg	0.060Kg
Coil Weight		0.27Kg	0.36Kg	0.52Kg	0.81Kg	1.26Kg	1.80Kg
Packaging		Film Ties and Shrinkwrap					
Applicable Standards							