



Metric Super-Flexible Nylon Tubing

Applications

- ⇒ Pneumatic controls
- ⇒ Instrumentation systems
- ⇒ Fuel and oil lines
- ⇒ Industrial robotics
- ⇒ Compressed air
- ⇒ Paint spray & solvent lines

Chemical Resistance

Altylon is resistant to most:

- ⇒ Solvents
- ⇒ Alkalis
- ⇒ Oils
- ⇒ Greases
- ⇒ Petroleum products
- ⇒ Fungi & moulds
- ⇒ Dilute acids (mineral and organic)
- ⇒ UV Stabilized

Features & Benefits

- ⇒ A true alternative to crude oil based engineering plastics
- ⇒ Answers the increasing demand for renewably sourced polymers, with high technical performance that can be used for critical polyamide applications
- ⇒ Manufactured from Nylon 6.10, 60% of which is produced from the seeds of the castor oil plant, offering the optimum blend of performance, availability and sustainability
- ⇒ Lower density, lower moisture absorption, better zinc chloride resistance and better glycol resistance than PA6 and PA66
- ⇒ Better thermal resistance and higher tensile strength at break than PA11 and PA12
- ⇒ Designed for demanding applications

Technical Data

Part	Size	OD Tol's	Burst Pressure	Bend Radius	Weight/30m
SFN04/025	4 x 2.5 mm	+0.01/-0.09 mm	1300 PSI / 90 bar	10 mm	0.24 kgs
SFN05/033	5 x 3 mm	+0.03/-0.10 mm	1450 PSI / 100 bar	11 mm	0.39 kgs
SFN06/040	6 x 4 mm	+0.02/-0.11 mm	1150 PSI / 79 bar	16 mm	0.49 kgs
SFN08/055	8 x 5.5 mm	+0.03/-0.10 mm	1150 PSI / 79 bar	23 mm	0.83 kgs
SFN08/060	8 x 6 mm	+0.03/-0.10 mm	830 PSI / 57 bar	29 mm	0.69 kgs
SFN10/070	10 x 7 mm	+0.03/-0.09 mm	1025 PSI / 71 bar	30 mm	1.25 kgs
SFN10/080	10 x 8 mm	+0.03/-0.09 mm	645 PSI / 44 bar	45 mm	0.89 kgs
SFN12/085	12 x 9 mm	+0.01/-0.11 mm	830 PSI / 57 bar	43 mm	1.55 kgs
SFN12/100	12 x 10 mm	+0.01/-0.11 mm	530 PSI / 36 bar	65 mm	1.08 kgs

- ⇒ Colours: Natural, Yellow (Y), Green (G), Red (R), Blue (B) and Black (N)
- ⇒ Lengths: 30m coils
- ⇒ Temperature range: -30°C to +70°C. Occasional use up to 120°C. Brittle point: -70°C
- ⇒ Construction: Manufactured from heat stabilised materials, 60% derived from renewable resources
- ⇒ Packing: Tyre wrapped and labelled
- ⇒ Printing: Unprinted