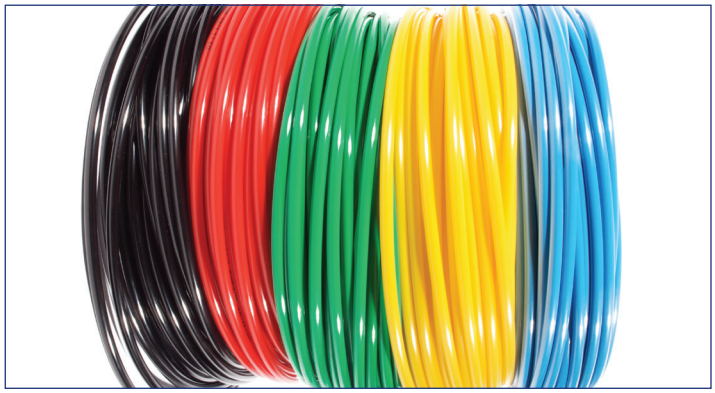
Product Datasheet

Metric Nylon Tubing

NLF & NMF Series



Industrial nylon tubing in the established Eurolon range extruded from Polyamides 11 and 12 in flexible nylon grades.

TYPE 11: is ideal for low toxic or high temperature environments such as for breweries or applications involving food contact. Please note this is a special order and available subject to minimum order quantities.

TYPE 12: is the standard stock option.

KEY FEATURES:

- Flexible, lightweight and durable over a wide temperature range.
- Mirror smooth inner for improved flow.
- Manufactured from heat and light stabilised Type 12 Nylon to precise tolerances.
- Available on dispensing drums.
- Resistant to a wide range of chemicals.
- High resistance to moisture absorption.
- Manufactured in accordance with BS 5409, DIN 73378 & DIN 74324.
- Supplied in both metric and imperial sizes.
- Silicone-free.
- Excellent abrasion resistance.
- 4:1 safety factor.

SIZES:

- Available in 30m coils.
- 100m coils available ex stock
- 4mm-28mm OD

COLOURS:

- Natural
- Black
- Red
- Blue
- Green
- Yellow

APPLICATION EXAMPLES:

- Widely used by the pneumatics industry.
- Suitable for use in air brake, fuel and lube applications as well as instrumentation and secondary air systems.
- Ideal for production lines (industrial and automotive) requiring long lengths and minimum wastage.

Product Ref		NMF04	NMF05	NMF06	NLF06	NMF08	NLF08
Ex Stock	30m roll	● ● ● ● ● ●	● ●	● ● ● ● ● ●	●	● ● ● ● ● ●	● ● ● ● ● ●
	100m roll	● ● ●		● ● ● ● ● ●			● ● ●
Nominal size		**4.0 x 2.5mm**	**5.0 x 3.3mm**	**6 x 4mm**	**6 x 4.5mm**	**8 x 5.5mm**	**8 x 6mm**
Internal Diameter		2.5 ± 0.20mm	3.3 ± 0.20mm	4.0 ± 0.20mm	4.5 ± 0.20mm	5.5 ± 0.20mm	6 ± 0.20mm
External Diameter		4.0 ± 0.10mm	5.0 ± 0.10mm	6.0 ± 0.10mm	6.0 ± 0.10mm	8 ± 0.10mm	8 ± 0.10mm
Length Tolerance		(± 1%)					
Maximum Working Pressure		26 Bar	24 Bar	24 Bar	16 Bar	22 Bar	14 Bar
Minimum Burst Pressure		104 Bar	96 Bar	96 Bar	64 Bar	88 Bar	56 Bar
Bend radius		25mm	30mm	35mm	45mm	45mm	45mm
Working Temperature		80°C Maximum					
Material Softness		Shore D Hardness 83					
Flammability		HB (Self extinguishing)					
Weight per meter		0.008Kg	0.012Kg	0.017Kg	0.014Kg	0.029Kg	0.023Kg
Coil Weight		0.24Kg	0.36Kg	0.51Kg	0.43Kg	0.87Kg	0.69Kg
Packaging		Film Tiles and Shrinkwrap					
Applicable Standards		DIN 73378 (Polyamide tubing for use in motor vehicles) & DIN 74324 (Polyamide tubing for air braking systems - Requirements and testing)					

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Product Ref		NMF10	NLF10	NMF12	NLF12	NLF12	NMF14
Ex Stock	30m roll	● ● ● ● ● ●	● ● ● ●	● ● ● ● ● ●	●	● ●	●
	100m roll	● ● ●		● ●			
Nominal size		**10 x 7.5mm**	**10 x 8mm**	**12 x 9mm**	**12 x 9.5mm**	**12 x 10mm**	**14 x 11mm**
Internal Diameter		7.5 ± 0.20mm	8.0 ± 0.20mm	9.0 ± 0.30mm	9.0 ± 0.30mm	9.0 ± 0.30mm	11.0 ± 0.30mm
External Diameter		10 ± 0.12mm	10 ± 0.10mm	12.0 ± 0.15mm	12.0 ± 0.15mm	12.0 ± 0.15mm	14.0 ± 0.15mm
Length Tolerance		(± 1%)					
Maximum Working Pressure		22 Bar	14 Bar	21 Bar	14 Bar	12 Bar	20 Bar
Minimum Burst Pressure		88 Bar	56 Bar	84 Bar	56 Bar	48 Bar	80 Bar
Bend radius		60mm	65mm	70mm	70mm	75mm	80mm
Working Temperature		80°C Maximum					
Material Softness		Shore D Hardness 83					
Flammability		HB (Self extinguishing)					
Weight per meter		0.039Kg	0.032Kg	0.055Kg	0.047Kg	0.042Kg	0.058Kg
Coil Weight		1.17Kg	0.96Kg	1.65Kg	1.42Kg	1.26Kg	1.74Kg
Packaging		Film Tiles and Shrinkwrap					
Applicable Standards		DIN 73378 (Polyamide tubing for use in motor vehicles) & DIN 74324 (Polyamide tubing for air braking systems - Requirements and testing)					

Product Ref		NMF15	NMF16	NMF18	NMF22	NMF28
Ex Stock	30m roll	●	●		●	
	100m roll					
Nominal size		**15 x 12mm**	**16 x 12mm**	**18 x 14mm**	**22 x 17mm**	**28 x 22mm**
Internal Diameter		12.0 ± 0.30mm	12.0 ± 0.30mm	14.0 ± 0.30mm	14.0 ± 0.30mm	14.0 ± 0.30mm
External Diameter		15.0 ± 0.15mm	16.0 ± 0.15mm	18.0 ± 0.15mm	18.0 ± 0.15mm	18.0 ± 0.15mm
Length Tolerance		(± 1%)				
Maximum Working Pressure		20 Bar	18 Bar	16 Bar	16 Bar	15 Bar
Minimum Burst Pressure		80 Bar	72 Bar	64 Bar	64 Bar	60 Bar
Bend radius		85mm	90mm	115mm	125mm	160mm
Working Temperature		80°C Maximum				
Material Softness		Shore D Hardness 83				
Flammability		HB (Self extinguishing)				
Weight per meter		0.064Kg	0.100Kg	0.117Kg	0.167Kg	0.256Kg
Coil Weight		1.92Kg	3.00Kg	3.51Kg	5.00Kg	7.69Kg
Packaging		Film Tiles and Shrinkwrap				
Applicable Standards		DIN 73378 (Polyamide tubing for use in motor vehicles) & DIN 74324 (Polyamide tubing for air braking systems - Requirements and testing)				

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