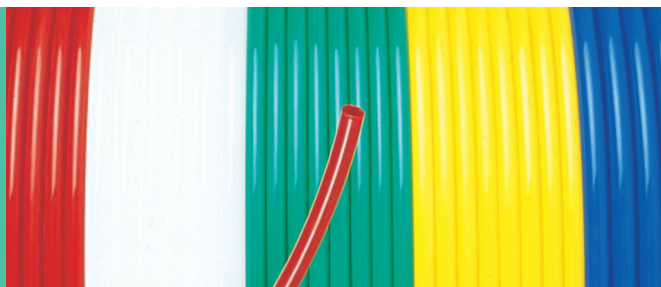


# Nylon Tubing - Flexible & Semi Rigid

NLF, NMF, NLR, NMR & NHR series imperial



**Eurolon**

## General Description

Copely Developments Limited Eurolon industrial nylon tubing is extruded from Polyamides 11 and 12 to precise dimensional tolerances, on machinery utilising the latest technical improvements in extrusion calibration.

Eurolon industrial tubing has low moisture absorption when compared with other Polyamides, ensuring consistent flexibility over a wide range of temperature and humidity conditions.

Eurolon tubing is seamless in construction with a smooth high gloss inner and outer surface. It is light - approximately one ninth the weight of copper - and flexible, facilitating ease of installation. It is ideally suited for applications such as fuel lines, oil lines, petrol tank breather pipes, greasing sheaths, pneumatic controls, bleed lines and brake controls.

Eurolon industrial nylon tubing conforms to S.M.M.T. Standard NM7B, 1968 and C2C in dimensions specified in addition to SAEJ844 3A (unreinforced) and 3B (reinforced) types, (3B available by special order). Metric dimensions conform to BS5409 with respect to all technical details.

Eurolon type 11 nylon in semi rigid grade meets the requirements of government regulations with regard to materials and articles in contact with food under U.K. Statutory Instrument 1978 no. 1927. Eurolon nylon tubing is available for higher temperature applications, with heat resisting additives in both semi rigid and flexible grades, subject to minimum manufacturing quantities.

## Special Features

- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Silicone free
- Abrasion resistance - excellent
- Mirror smooth inner for improved flow
- Made from virgin polymer type 12
- Produced to exacting tolerances
- Supplied in both metric and imperial sizes

Food

Abrasive

Water

Fuel/Oil

Standing Tolerances Size	Bore inches	O.D.
Up to but not including 3/16"	+0.004 -0.004	+0.000 -0.004
3/16" up to and including 5/8"	+0.005 -0.005	+0.000 -0.005
Over 5/8" up to and including 3/4"	+0.006 -0.006	+0.000 -0.006
Over 3/4" up to and including 1"	+0.006 -0.006	+0.000 -0.008

Note: Working pressures - allow a factor of between 2:1 and 4:1 subject to operating conditions.

## Technical Data

UK and European Sizes  
Stock Sizes - 30m coils

Product Ref	Size O.D.	Size I.D.	Weight per coil kgs	Min Bend Radius	Nominal Burst Pressure PSI	Bar
<b>Flexible Light Gauge</b>						
NLF06	3/16	.137	0.29	3/4"	750	51
NLF08	1/4	.190	0.47	3/4"	750	51
NLF10	5/16	.242	0.68	1"	750	51
NLF12	3/8	.295	0.94	1 1/2"	750	51

### Flexible, Medium Gauge

NMF 04	1/8	.075	0.16	3/4"	1,000	68
NMF 05	5/32	.086	0.26	3/4"	1,000	68
NMF 06	3/16	.117	0.34	3/4"	1,000	68
NMF 08	1/4	.170	0.52	1"	1,000	68
NMF 10	5/16	.212	0.83	1 1/2"	1,000	68
NMF 12	3/8	.250	1.22	2 1/2"	1,000	68
NMFS 12	3/8	.265	1.87	2"	1,000	68
NMF 16	1/2	.375	1.70	2"	1,000	68
NMF 20	5/8	.500	2.19	3 1/2"	1,000	68
NMF 24	3/4	.594	3.27	6"	1,000	68
NMF 32	1	.812	5.31	9"	1,000	68

### Semi Rigid, Light Gauge

NLR 04	1/8	.095	0.10	3/4"	1,000	68
NLR 05	5/32	.106	0.20	3/4"	1,000	68
NLR 06	3/16	.137	0.25	1"	1,000	68
NLR 08	1/4	.190	0.41	1 1/2"	1,000	68
NLR 10	5/16	.242	0.60	1 1/2"	1,000	68
NLR 12	3/8	.295	0.82	2"	1,000	68

### Semi Rigid, Medium Gauge

NMR 08	1/4	.170	0.52	1 1/2"	1,750	119
NMR 10	5/16	.212	0.81	2"	1,750	119
NMR 12	3/8	.250	1.20	2 1/2"	1,750	119
NMR 16	1/2	.375	1.68	3 1/2"	1,750	119
NMR 20	5/8	.500	2.16	4"	1,750	119

### Semi Rigid, Heavy Gauge

NHR 04	1/8	.075	0.15	1 1/2"	2,500	170
NHR 05	5/32	.086	0.26	3/4"	2,500	170
NHR 06	3/16	.107	0.37	1"	2,500	170
NHR 08	1/4	.150	0.61	1 1/2"	2,500	170
NHR 10	5/16	.182	0.99	2"	2,500	170
NHR 12	3/8	.225	1.38	2 1/2"	2,500	170

Available in Natural and Black colour with other colours available subject to minimum manufacturing quantity  
NLF / NLR series available against minimum manufacturing runs.