

Nylon Tubing - Flexible & Semi Rigid

NLF & NMF series metric continued



Eurolon

Technical Data

Product Ref.	Outside Diameter			Wall Thickness Concentricity			Recommended Maximum Working Pressure				Minimum Radius Inside Bend @ 20°C	Weight per Kg coil
	Nominal mm	Min. mm	Max. mm	Min. mm	Max. mm	Max. mm	-40°C +20°C bar	+30°C bar	+50°C bar	+80°C bar		
LIGHT DUTY FLEXIBLE (in accordance with BS 5409 Pt. 1: 1976)												
NLF 04M	4	3.95	4.05	0.42	0.58	0.08	15	12	9.5	7	30	0.21
NLF 05M	5	4.95	5.05	0.55	0.71	0.08	16	13	10	7.5	35	0.27
NLF 06M	6	5.90	6.05	0.67	0.83	0.08	16	13	10	7.5	45	0.41
NLF 08M	8	7.90	8.05	0.92	1.08	0.08	17	14	11	8	55	0.72
NLF 10M	10	9.90	10.05	1.17	1.33	0.08	17	14	11	8	75	1.13
NLF 12M	12	11.90	12.05	1.17	1.33	0.08	14	11	9	6.5	85	1.37
NLF 16M	16	15.90	16.05	1.42	1.58	0.08	13	10	8	6	115	2.23
NLF 18M	18	17.9	18.05	1.42	1.58	0.10	11	9	7	5	135	2.54
NLF 22M	22	21.9	22.05	1.72	1.88	0.10	11	9	7	5	155	3.73
NLF 28M	28	27.80	28.05	2.17	2.33	0.10	11	9	7	5	225	5.94

NORMAL DUTY FLEXIBLE (in accordance with BS 5409 Pt. 1: 1976)

NMF 04M	4	3.93	4.05	0.67	0.83	0.08	26	22	17	12	25	0.25
NMF 05M	5	4.93	5.05	0.77	0.93	0.08	24	20	15	11	30	0.36
NMF 06M	6	5.90	6.05	0.92	1.08	0.08	24	2	15	11	35	0.52
NMF 08M	8	7.90	8.05	1.17	1.33	0.08	22	18	14	10	45	0.87
NMF 10M	10	9.90	10.05	1.42	1.58	0.08	22	18	14	10	60	1.31
NMF 12M	12	11.90	12.05	1.67	1.83	0.08	21	17	13	10	70	1.85
NMF 16M	16	15.90	16.05	1.92	2.08	0.08	18	15	11	8.5	90	2.88
NMF 18M	18	17.9	18.05	1.92	2.08	0.10	16	13	10	7.5	115	3.29
NMF 22M	22	21.9	22.05	2.42	2.58	0.10	16	13	10	7.5	125	5.00
NMF 28M	28	27.80	28.05	2.92	3.08	0.10	15	12	9.5	7	160	7.69

All metric sizes ex stock in Natural and Black colour with other colours available subject to minimum manufacturing quantity
STOCK SIZE - METRIC 30 metre coils

Physical Properties

Density	1.04 g / cc	65.4 lb / ft. ³
Melting Point	186°C	367°F
Specific Heat (Cal.)	0.58	
Thermal conductivity (c.g.s.)	7 x 10 ⁻⁴	
Latent heat of fusion (K.Cal/KG)	20	
Linear coefficient of expansion	11 x 10 ⁻⁵	
Atmospheric absorption of water (@ R.H. 65%)	0.5%	
Maximum absorption of water (@ R.H. 100%)	1.5%	
Inflammability	Self extinguishing	

Conforms to Product Standards:

BS 5409 Part 1 : 1976
ISO 7628 Part 1 : 1985
ISO 7628 Part 2 : 1986

Test Methods & Procedures

VDE 0303
DIN 54379
DIN 53452
DIN 53455

Please see Standards Index for further information

Burst Test Pressure Metric Size Nylon

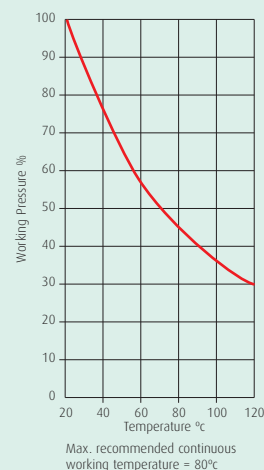
Nominal Outside Diameter mm	Minimum Burst Pressure	
	Light Duty Grade bar	Normal Duty Grade bar
4	45	78
5	48	72
6	48	72
8	51	66
10	51	66
12	42	63
16	40	54
18	33	48
22	33	48
28	33	48

Please Note

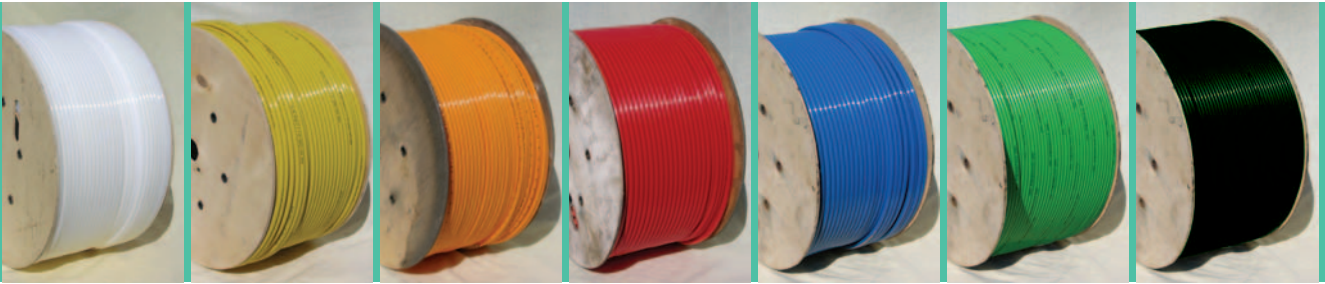
For Nylon tubing for foods product applications please ask for details of Eurolon Brewers Hose or extra flexible grade Nylon tubing, please ask for details of: COPELY 'SUPERFLEX' NYLON range
Full details of items available from stock in various colours.

NOTE: These short term burst pressures are calculated on an induced stress of 20 MPa @ 20°C

Pressure/Temperature Relationships



Imperial Nylon Tubing Manufactured to BS 5409 Part 1 1976 and in Accordance with BS EN ISO 9002: 1994 Quality Management System



Eurolon

Special Features

- Manufactured from heat and light stabilised Type 12 Nylon to precise tolerances.
- High resistance to moisture absorption
- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Suitable for use in air brake, fuel and lube applications, notwithstanding instrumentation and secondary air systems

COLOUR CODE

LUBRICATION LINES	BLACK
FUEL & AIR LINES	NATURAL
EMERGENCY TRAILER LINES	RED
SERVICE TRAILER LINES	YELLOW
AUXILIARY TRAILER LINES	BLUE

Technical Data

Product Ref.	Size O.D. inches	I.D.	COLOURS					NOMINAL @ 20°C	
			Nat	Black	Red	Yellow	Blue	WP bar	BP bar
Flexible Light Gauge									
NLF 06	3/16	.137	■	■				12.5	51
NLF 08	1/4	.190	■	■				12.5	51
NLF 10	5/16	.242	■	■				12.5	51
NLF 12	3/8	.295	■	■				12.5	51
Flexible Medium Gauge									
NMF 06	3/16	.117	■	■	■	■	■	17	68
NMF 08	1/4	.170	■	■	■	■	■	17	68
NMF 10	5/16	.212	■	■	■	■	■	17	68
NMF 12	3/8	.250	■	■	■	■	■	17	68
NMFS 12	3/8	.265	■	■	■	■	■	17	68
NMF 16	1/2	.375	■	■	■	■	■	17	68
NMF 20	5/8	.500	■	■				17	68
NMF 24	3/4	.594	■	■				17	68
NMF 32	1	.812	■	■				17	68

Metric Nylon Tubing Manufactured to DIN 73378 & 74324 Standards and in Accordance with BS EN ISO 9002: 1994 Quality Management System

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Technical Data

Product Ref.	Size O.D. mm	I.D.	COLOURS							NOMINAL @ 20°C	
			Nat	Black	Red	Yellow	Blue	Green	Orange	WP bar	BP bar
DIN 04M	4	2	■	■						45	136
DIN 06M	6	4	■	■						27	82
DIN 08M	8	6	■	■						19	57
DIN 09M	9	6	■	■						27	82
DIN 10/7.5M ▼	10	7.5	■	■	■	■	■	■	■	19	57
DIN 10M ●	10	8	■	■	■	■	■	■	■	15	45
DIN 11M	11	8	■	■						21	63
DIN 12M	12	9	■	■	■	■	■	■	■	19	57
DIN 12/8M ●	12	8	■	■						27	82
DIN 14M	14	10	■	■						21	63
DIN 15M ●	15	12	■	■	■	■	■	■	■	15	45
DIN 16M	16	12	■	■						19	57
DIN 18M	18	14	■	■	■	■	■	■	■	21	65

▼ PRINT DETAIL - ALL COLOURED NYLON PRINTED AS FOLLOWS: 'CD DIN 74324 OD X WALL PA 12 + DATE CODE'

● PRINT DETAIL - COLOURED NYLON PRINTED AS FOLLOWS: 'CD DIN 73378 OD X WALL PA 12 + DATE CODE'