

FEATURES

- Flexible, lightweight and durable
- Mirror smooth inner for improved flow
- Resistant to a wide range of chemicals
- High resistance to moisture absorption
- Excellent abrasion resistance

RS PRO Air Hose Blue Nylon 10mm x 30m NMF Series

RS Stock No.: 483-5080



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS Pro, a range of nylon air hoses. Suitable for applications requiring a precise and secure connection. Both Type 11 and Type 12 versions are available, providing solutions for areas requiring low toxic and food safe equipment (type 11). And also the more standard hose, which is perfect for various environments. All models are highly reliable and excellent quality.

General Specifications

| | |
|-------------------------|--|
| Colour | Blue |
| Material | Nylon |
| Number Of Tubes | 1 |
| Special Features | Abrasion Resistant |
| Application | Air Brake, Fuel & Lube Applications, Industrial & Automotive Production Lines, Instrumentation & Secondary Air Systems |

Mechanical Specifications

| | |
|------------------------------|------|
| Hose Inside Diameter | 7mm |
| Hose Outside Diameter | 10mm |
| Length | 30m |

Operation Environment Specifications

| | |
|--------------------------------------|---------------------------------|
| Maximum Operating Pressure | 22 bar |
| Minimum Operating Temperature | -40°C |
| Maximum Operating Temperature | +80°C |
| Burst Pressure | Minimum of 66 bar (Normal Duty) |

Approvals

Compliance/Certifications

BS 5409(pt1) 1976-ISO7628/1

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

| Product Ref. | Outside Diameter | | | Wall Thickness Concentricity | | | Recommended Maximum Working Pressure | | | | Minimum Radius Inside Bend @ 20°C mm | Weight per coil Kg |
|--------------|------------------|---------|---------|------------------------------|---------|---------|--------------------------------------|-----------|-----------|-----------|--------------------------------------|--------------------|
| | Nominal mm | Min. mm | Max. mm | Min. mm | Max. mm | Max. mm | -40°C +20°C bar | +30°C bar | +30°C bar | +80°C bar | | |
| 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 | 8 | 115 | 2.23 |
| NLF 18M | 18 | 17.90 | 18.05 | 1.42 | 1.58 | 0.10 | 11 | 9 | 7 | 5 | 135 | 2.54 |
| NLF 22M | 22 | 21.90 | 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 |

BURST TEST PRESSURE
METRIC SIZE NYDN

| Product Ref. | Outside Diameter | | | Wall Thickness Concentricity | | | Recommended Maximum Working Pressure | | | | Minimum Radius Inside Bend @ 20°C mm | Weight per coil Kg |
|--------------|------------------|---------|---------|------------------------------|---------|---------|--------------------------------------|-----------|-----------|-----------|--------------------------------------|--------------------|
| | Nominal mm | Min. mm | Max. mm | Min. mm | Max. mm | Max. mm | -40°C +20°C bar | +30°C bar | +30°C bar | +80°C bar | | |
| 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 | 20 | 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 | 17.90 | 18.05 | 1.92 | 2.08 | 0.10 | 16 | 13 | 10 | 7.5 | 115 | 3.29 |
| NMF 22M | 22 | 21.90 | 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 | 180 | 7.69 |

| 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 |

