

## 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 12mm x 30m NLF Series

RS Stock No.: 415-0525



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 air hoses, ideal for the transfer of air, gas or fluid. 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. All models are highly reliable and excellent quality.

### General Specifications

<b>Colour</b>	Blue
<b>Material</b>	Nylon
<b>Number Of Tubes</b>	1
<b>Special Features</b>	Highly Flexible
<b>Application</b>	Air Brake, Fuel & Lube Applications, Industrial & Automotive Production Lines, Instrumentation & Secondary Air Systems

### Mechanical Specifications

<b>Hose Inside Diameter</b>	9.5mm
<b>Hose Outside Diameter</b>	12mm
<b>Length</b>	30m

### Operation Environment Specifications

<b>Maximum Operating Pressure</b>	14 bar
<b>Minimum Operating Temperature</b>	-40°C
<b>Maximum Operating Temperature</b>	+80°C
<b>Burst Pressure</b>	42bar Light Duty Grade, 63bar Normal Duty Grade



Nominal Outside Diameter	Minimum Burst Pressure	
	Light Duty Grade	Normal Duty Grade
mm	bar	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

Product Ref.	Outside Diameter			Wall Thickness Concentricity			Recommended Maximum Working Pressure				Minimum Radius Inside Bend @ 20°C mm	Weight per coil Kg
	Nominal	Min.	Max.	Min.	Max.	Max.	-40°C +20°C bar	+30°C bar	+30°C bar	+80°C bar		
	mm	mm	mm	mm	mm	mm						
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	17.90	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

Product Ref.	Outside Diameter			Wall Thickness Concentricity			Recommended Maximum Working Pressure				Minimum Radius Inside Bend @ 20°C mm	Weight per coil Kg
	Nominal	Min.	Max.	Min.	Max.	Max.	-40°C +20°C bar	+30°C bar	+30°C bar	+80°C bar		
	mm	mm	mm	mm	mm	mm						
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	6.5	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	160	7.69