

Nylon Inch Tube

Recommended for use with Pneufit

Push-In Fittings

Manufactured from Nylon 11

UL-94HB flame retardant rating

Heat and light stabilized

Shipped in 100 ft. coils (30m) packed in polyethylene bags

Technical data

Fluids: Compressed air, nitrogen and inert gases

Material: Nylon 11

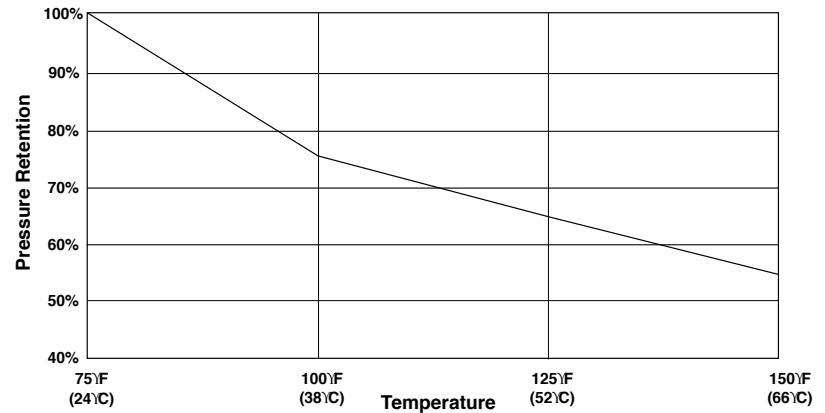
Temperature Rating: -60°F to 200°F (-5°C to 93°C)*

Vacuum Rating: To 28° Hg (711 mm Hg)

Diameter Tolerances: + 0.002"; -0.004"

Hardness: 78 Rockwell R

Working Pressure at Elevated Temperature



OD (inch)	ID (inch)	OD (mm)	ID (mm)	Maximum Working Pressure		Minimum Bend Radius		Part Number and Color				
				-40°F to 70°F psig	(-40°C to 20°C) bar	inch	mm	Natural	Black	Blue	Red	Yellow
1/8	0.093			225	15.5	0.38	10	PB0051100	PB0751100	PB0551100	PB0151100	–
5/32	0.106	4	2.3	275	19.0	0.50	13	PB0052100	PB0752100	PB0552100	PB0152100	–
3/16	0.138			225	15.5	0.63	16	PB0053100	PB0753100	PB0553100	–	–
1/4	0.180			250	17.2	0.88	22	PB0054100	PB0754100	PB0554100	PB0154100	PB0354100
5/16	0.232	8	5.5	220	15.2	1.25	32	PB0055100	PB0755100	PB0555100	PB0155100	–
3/8	0.275			220	15.2	1.50	38	PB0056100	PB0756100	PB0556100	PB0156100	–
1/2	0.375			200	13.8	2.00	51	PB0057100	PB0757100	PB0557100	PB0157100	–

Notes

The working pressure for Nylon 11 tubing is calculated using a 4 to 1 safety factor.

* To determine working pressures at other temperatures, see chart. Tubing is supplied in 100 ft. (30.5m) coils, packaged in poly bags. For other colors, lengths or packaging, please consult factory.

Metric Tubing

Tubing OD (mm)	ID (mm)	Maximum working pressure				Minimum bend radius		PN and Color		
		@75F / 25C		@150F / 65C		in	mm	Natural	Black	Blue
		psig	bar	psig	bar					
4	2.7	350	24.1	210	14.4	0.5	12.7	PB0004100	PB0704100	PB0504100
6	4	340	23.4	200	13.8	0.67	17	PB0006100	PB0706100	PB0506100
8	6	250	17.2	150	10.3	1.5	38	PB0008100	PB0708100	PB0508100
10	8	190	13.1	110	7.6	2	51	PB0010100	PB0710100	–
12	10	150	10.3	90	6.2	3	76	–	PB0712100	–

Polyurethane Tube

Recommended for use with Pneufit Push-In Fittings

Manufactured from Polyurethane

Shipped 100' coils packed in Polyethylene bags



Technical data

Fluids: Compressed air

Material: 95 Durometer

Polyurethane

Temperature Rating: -40°F to 165°F (-40°C to 73°C)

Vacuum Rating: To 28° Hg (711 mm Hg)

Diameter Tolerances: ± 0.005"

Tubing OD (mm)	ID (mm)	Maximum working pressure at 75°F psig	Minimum bend		Part number and color			
			bar	Radius	Natural	Black	Trans Blue	Trans Red
1/8"	0.066	233	16.1	1/4"	PW0051100	PW0751100	PW0551100	PW0151100
5/32"	0.094	176	12.1	3/8"	PW0052100	PW0752100	PW0552100	PW0152100
1/4"	0.160	148	10.2	1/2"	PW0054100	PW0754100	PW0554100	PW0154100
5/16"	0.197	155	10.7	3/4"	PW0055100	PW0755100	PW0555100	-
3/8"	0.245	147	10.1	7/8"	PW0056100	PW0756100	PW0556100	PW0156100

Tube Cutter

Makes clean, square cuts in Nylon tubing that are necessary for leak free connections.

Small size (3" long, 1" wide, 1" high) makes it easy to use and convenient to carry.

Spring actuation keeps it closed when not in use.

Order part number M/3314.

Replacement blades (5 pack) M/32009



Tube Mount - 2 Channel

Part number	Tube size	Mounting screw size	Color
94910006	1/4" & 6 mm	#4	Black
94910008	5/16" & 8 mm	#6	Black
94910010	3/8"	#6	Black
94910012	1/2"	#6	Black

Save installation time - tube mounts provide quick, secure mounting and exact spacing between tubes.

Tubing snaps into channels for clean, organized circuits.

Tube mounts are drilled for machine screw mounting.



Spiral Flex Wrap

Natural color Polyethylene spiral flex wrap twists easily over bundles of various sized tubing or insulated electric wire.

Nominal 1/2" O.D. accommodates bundles from 3/8" to 4" in diameter. Can be wrapped for greater flexibility or butted for rigidity.

Tubing or wire can be led out at any point.

Provided in 50' (15 meter) coils.

Order part number 94960001.

**Release Tool**

Used to disconnect tubing from all Norgren fittings. Helps in situations where fitting is difficult to reach.

Part Number: 54000100

