

- > O/D 1/8" ... 1/2"
- > Strong, lightweight and flexible
- > Available in a range of colours for ease of identification
- > Meets UL 94HB flammability standard
- > Heat and UV light stabilized
- > Resistant to corrosion and stress cracking
- > Supplied in 100 ft. (30 m) coils packed in PE bags



### Technical features

#### Medium:

Compressed air, nitrogen and inert gases

Consult our Technical Service for use with other fluids

#### Operating pressure:

Refer to specific tube size below

#### Ambient/Media temperature:

-50 ... +90°C (-58 ... 194°F)  
refer below for further information

#### Material:

PA11, hardness;  
78 Rockwell R

### Technical data

Colour	Length (ft.)	O/D I/D tube					
		1/8" 0.093"	3/16" 0.138"	1/4" 0.180"	5/16" 0.232"	3/8" 0.275"	1/2" 0.375"
Natural	100' coils	PB0051100	PB0053100	PB0054100	PB0055100	PB0056100	PB0057100
Black	100' coils	PB0751100	PB0753100	PB0754100	PB0755100	PB0756100	PB0757100
Blue	100' coils	PB0551100	PB0553100	PB0554100	PB0555100	PB0556100	PB0557100
Red	100' coils	PB0151100	PB0153100	PB0154100	PB0155100	PB0156100	PB0157100

### Option selector

**PB0★5★100**

Colour	Substitute	Outer diameter	Substitute
Natural	0	1/8"	1
Red	1	3/16"	3
Blue	5	1/4"	4
Black	7	5/16"	5
		3/8"	6
		1/2"	7

### Maximum operating pressure (normal temperature range), bend radii and weight

		Ø 1/8"	Ø3/16"	Ø1/4"	Ø5/16"	Ø3/8"	Ø1/2"
Maximum pressure	at 25°C (77 psi)	18 bar	17,3 bar	19,3 bar	16 bar	16,7 bar	16 bar
	at 65°C (149 psi)	10,7 bar	10,7 bar	11,3 bar	9,3 bar	10 bar	9,3 bar
Min. bend radius		1/2"	5/8"	1"	1 1/2"	1 1/2"	2 1/4"
Weight (100' coils)		0,113 kg	0,249 kg	0,513 kg	0,744 kg	1,111 kg	1,869 kg

Pressure factor of safety 4:1

Consult our technical service for maximum operating pressures outside ranges stated above

## Accessories

### Tube clips – single sided



### Tube cutter



Model	Tube Ø	Number of tubes	Model	Description
34021803	3/16"	1	M/3314	Cutter
34021903	3/16"	2	39012010	Replacement blade (pack of 10)
34021804	1/4"	1	39012061	Replacement blade (1-off)
34021904	1/4"	2		
34021805	5/16"	1		
34021905	5/16"	2		
34021806	3/8"	1		
34021906	3/8"	2		
34021807	1/2"	1		
34021907	1/2"	2		

## Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

### »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.