

POLYETHYLENE TUBING



Series 40.01 : from 3/16" to 1/2"

This light weight and inexpensive material has long been recognized by the food and beverage industry, laboratories and chemical processing industry. It handles a wide variety of applications such as water feed, pneumatic and instrumentation equipment.

Manufactured from a 100% non-toxic virgin grade material, its semi-rigid nature gives it the advantage of being perfectly compatible with simple and quick to install **AirMax** push-type fittings (Series 32).

NYLON TUBING



Series 40.11 : from 1/8" to 1/2"
Series 40.21 : from 4 mm to 12 mm

Since its development by Dupont in the 1930's, the nylon's physical properties made it a prime choice for tubing. Lightweight, corrosion and abrasion resistant, the **AirMax** nylon tube is made of nylon 12, procuring a superior resistance against the harmful effects of water and humidity. Additionally it offers a much higher degree of flexibility than other nylons, making this tubing far easier to bend. Its elastic memory is also enhanced allowing it to withstand repeated flexing over a long period without fatigue or fracture.

The **AirMax** nylon tube is also noted for its high-impact resistance, even at subfreezing temperatures. It is manufactured to extremely high tolerances. It is non-toxic and is best used with **AirMax** push-type fittings (Series 32).

POLYURETHANE TUBING

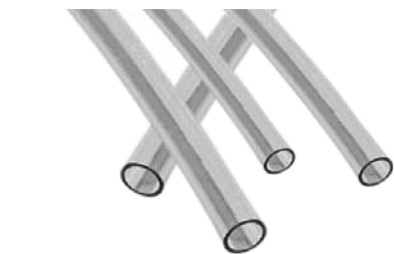


Series 40.31 : from 1/8" to 1/2"
Series 40.41 : from 4 mm to 12 mm

Thermoplastic polyurethane evolved from cast urethane in the 1960's. It combines the best properties of both plastic and rubber. Resistant to abrasion and tear, its outstanding flexibility and strength make it the first quality choice for tubing. The exceptional resistance to gasoline, oil, kerosene and most other petroleum based chemicals also makes it an ideal choice for fuel lines.

The **AirMax** polyurethane tubes are made of ether urethane. Its far superior hydrolytic stability protects it from the harmful effects of humidity. The high density of the tube allows for the use of **AirMax** push-type fittings (Series 32).

VINYL/ PVC TUBING



Series 40.70 : from 1/8" to 1"
Series 40.71 : from 1-1/4" to 2"

Polyvinyl chloride is probably the most recognized thermoplastic material used today in industries. **AirMax** PVC tubing covers the widest range of applications serviced by any type of plastic material. Its non-toxic formulation is FDA approved.

Clear flexible **AirMax** tubing offers qualities such as visual contact with the flow, a broad range of corrosion resistance, rubber like flexibility, excellent abrasion and wearability resistance and outstanding flow characteristics. Its non-toxic formulation is attractive to industrial applications, food processing, pharmaceutical, medical and laboratories uses and chemical industry.

AirMax PVC tubing is reinforced with spiral ribs and handles heavy vacuum applications as well as many types of material handling duties due to its special dual durometer construction. The steel wire does not come in contact with either the I.D or the O.D of the tubing, thereby eliminating the possibility of contamination or corrosion.



Series 40.80 : from 1/4" to 2"
Series 40.84 : from 3/4" to 6"
Series 40.94 : from 1-1/2" to 8"

The **AirMax** rigid PVC helix tubings allows larger bore tubing to bend into a tighter radius without kinking unlike similarly sized unsupported tubing.

Natural



POLYETHYLENE TUBING - INCH



100' Length (pack)	500' Length (reel)	Tube O.D. in.	Tube I.D. in.	Standard Colour	Maximum Working Pressure @ 70°F (PSI)
40.0140	40.0240	1/4	.170	Natural	130
40.0160	40.0260	5/16	.190	Natural	140
40.0170	40.0270	3/8	.250	Natural	120
40.0190	40.0290 (250')	1/2	.375	Natural	90

Applications

- Recommended for air lines, instrumentation, pneumatic circuitry, food and beverage dispensing and chemical processing
- For low pressure applications

Features

- Economical thermoplastic
- Lightweight flexible tubing
- Ultraviolet resistant

Specifications

Maximum Working Pressure

Refer to table above

Working Temperature

-45°C to 60°C (-50°F to 140°F)

Construction

Material : Low Density Polyethylene

Standards Colours

Natural

Recommended Fittings

Series 32 Push-Type Nylon Fittings

Series 34 Brass Compression Fittings



Recommended fittings

TUBE CUTTER



Part No.

Description

40.9901

Tube cutter

NYLON TUBING – INCH



100' Length (pack)	500' Length (reel)	Tube O.D. in.	Tube I.D. in.	Standard Colour	Maximum Working Pressure @ 70°F (PSI)
40.1110	40.1210	1/8	.093	Natural	200
40.1111	40.1211	1/8	.093	Black	200
40.1113	40.1213	1/8	.093	Blue	200
40.1120	40.1220	5/32	.106	Natural	250
40.1121	40.1221	5/32	.106	Black	250
40.1123	40.1223	5/32	.106	Blue	250
40.1130	40.1230	3/16	.137	Natural	200
40.1131	40.1231	3/16	.137	Black	200
40.1133	40.1233	3/16	.137	Blue	200
40.1140	40.1240	1/4	.170	Natural	300
40.1141	40.1241	1/4	.170	Black	300
40.1143	40.1243	1/4	.170	Blue	300
40.1160	40.1260	5/16	.232	Natural	250
40.1161	40.1261	5/16	.232	Black	250
40.1163	40.1263	5/16	.232	Blue	250
40.1180	40.1280	3/8	.275	Natural	250
40.1181	40.1281	3/8	.275	Black	250
40.1183	40.1283	3/8	.275	Blue	250
40.1190	40.1290	1/2	.375	Natural	200
40.1191	40.1291	1/2	.375	Black	200
40.1193	40.1293	1/2	.375	Blue	200

Other colours available

NYLON TUBING – METRIC



100' Length (pack)	500' Length (reel)	Tube O.D. mm	Tube I.D. mm	Standard Colour	Maximum Working Pressure @ 70°F (PSI)
40.2100	40.2200	4	2	Natural	300
40.2101	40.2201	4	2	Black	300
40.2103	40.2203	4	2	Blue	300
40.2110	40.2210	5	3	Natural	250
40.2111	40.2211	5	3	Black	250
40.2113	40.2213	5	3	Blue	250
40.2130	40.2230	6	4	Natural	300
40.2131	40.2231	6	4	Black	300
40.2133	40.2233	6	4	Blue	300
40.2140	40.2240	8	6	Natural	250
40.2141	40.2241	8	6	Black	250
40.2143	40.2243	8	6	Blue	250
40.2170	40.2270	10	8	Natural	200
40.2171	40.2271	10	8	Black	200
40.2173	40.2273	10	8	Blue	200
40.2180	40.2280	12	9.5	Natural	200
40.2181	40.2281	12	9.5	Black	200
40.2183	40.2283	12	9.5	Blue	200

Other colours available

Natural, Black or Blue



Applications

- High performance tubing recommended for pneumatic circuitry, refrigeration, instrumentation, high pressure gases, robotics, vacuum, water and chemical products.

Features

- Excellent pressure and corrosion resistance
- Flexible and lightweight

Specifications

Maximum Working Pressure

Refer to table above

Working Temperature

-51°C to 93°C (-60°F to 200°F)

Construction

Material : Nylon 12

Standard Colours

Natural, Black or Blue

Recommended Fittings

Series 32 Push-Type Fittings

Series 34 Compression Fittings



Recommended fittings

Natural, Black or Blue



Applications

- High quality tubing recommended for pneumatic circuitry, laboratories, instrumentation, robotics, refrigeration, water and chemical products.

Features

- Excellent elastic memory
- Very flexible and resistant to kinking
- Excellent resistance to abrasion, oxidation, ozone and chemicals

Specifications

Maximum Working Pressure

Refer to Table above

Working Temperature

-45°C to 82°C (-50°F to 180°F)

Construction

Material : Polyurethane

Standard Colours

Natural, Black or Blue

Recommended Fittings

Series 32 Push-Type Fittings

Series 34 Compression Fittings



Recommended fittings

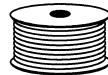
POLYURETHANE TUBING - INCH



100' Length (pack)	500' Length (reel)	Tube O.D. in.	Tube I.D. in.	Standard Colour	Maximum Working Pressure @ 70°F (PSI)
40.3110	40.3210	1/8	.062	Natural	100
40.3111	40.3211	1/8	.062	Black	100
40.3113	40.3213	1/8	.062	Blue	100
40.3120	40.3220	5/32	.093	Natural	100
40.3121	40.3221	5/32	.093	Black	100
40.3123	40.3223	5/32	.093	Blue	100
40.3140	40.3240	1/4	.170	Natural	125
40.3141	40.3241	1/4	.170	Black	125
40.3143	40.3243	1/4	.170	Blue	125
40.3170	40.3270	3/8	.250	Natural	100
40.3171	40.3271	3/8	.250	Black	100
40.3173	40.3273	3/8	.250	Blue	100
40.3190	40.3290	1/2	.320	Natural	75
40.3191	40.3291	1/2	.320	Black	75
40.3193	40.3293	1/2	.320	Blue	75

Other colours available

POLYURETHANE TUBING - METRIC

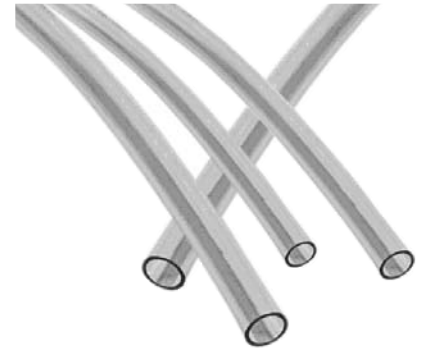


100' Length (pack)	500' Length (reel)	Tube O.D. in.	Tube I.D. in.	Standard Colour	Maximum Working Pressure @ 70°F (PSI)
40.4100	40.4200	4	2.5	Natural	100
40.4101	40.4201	4	2.5	Black	100
40.4103	40.4203	4	2.5	Blue	100
40.4130	40.4230	6	4	Natural	100
40.4131	40.4231	6	4	Black	100
40.4133	40.4233	6	4	Blue	100
40.4140	40.4240	8	6	Natural	75
40.4141	40.4241	8	6	Black	75
40.4143	40.4243	8	6	Blue	75
40.4170	40.4270	10	6.5	Natural	75
40.4171	40.4271	10	6.5	Black	75
40.4173	40.4273	10	6.5	Blue	75
40.4180	40.4280	12	9	Natural	75
40.4181	40.4281	12	9	Black	75
40.4183	40.4283	12	9	Blue	75

Other colours available

CLEAR VINYL TUBING

FDA Compliant Clear



Part No.	Tube I.D. in.	Tube O.D. in.	Wall Thickness in.	Maximum Working Pressure @ 70°F (PSI)	Standard Length ft. (pack)
40.7000	1/8	1/4	1/16	65	100'
40.7010	3/16	1/4	1/32	50	100'
40.7012	3/16	5/16	1/16	55	100'
40.7014	3/16	3/8	3/32	60	100'
40.7020	1/4	3/8	1/16	55	100'
40.7022	1/4	7/16	3/32	58	100'
40.7024	1/4	1/2	1/8	60	100'
40.7030	5/16	7/16	1/16	50	100'
40.7032	5/16	1/2	3/32	55	100'
40.7034	5/16	9/16	1/8	60	100'
40.7040	3/8	1/2	1/16	45	100'
40.7042	3/8	9/16	3/32	50	100'
40.7044	3/8	5/8	1/8	55	100'
40.7050	1/2	5/8	1/16	30	100'
40.7052	1/2	11/16	3/32	40	100'
40.7054	1/2	3/4	1/8	45	100'
40.7060	5/8	13/16	3/32	35	100'
40.7062	5/8	7/8	1/8	40	100'
40.7070	3/4	1	1/8	35	100'
40.7072	3/4	1 1/8	3/16	40	100'
40.7074	3/4	1 1/4	1/4	45	100'
40.7080	7/8	1 1/8	1/8	30	100'
40.7082	7/8	1 1/4	3/16	35	100'
40.7090	1	1 1/4	1/8	25	100'
40.7092	1	1 3/8	3/16	30	100'
40.7094	1	1 1/2	1/4	35	100'
40.7120	1 1/4	1 1/2	1/8	20	50'
40.7122	1 1/4	1 5/8	3/16	30	50'
40.7124	1 1/4	1 3/4	1/4	40	50'
40.7150	1 1/2	1 7/8	3/16	30	50'
40.7151	1 1/2	1 7/8	3/16	30	100'
40.7152	1 1/2	2	1/4	35	50'
40.7190	2	2 1/2	1/4	35	50'

Applications

- Ideal tubing for the food processing and beverage industries, laboratories, water distillation lines, ice and beverage dispenser units, printing equipment and refrigeration

Features

- Made of flexible non-reinforced PVC
- High gloss crystal clear appearance
- Glass smooth interior to reduce sediment buildups
- Non-toxic blue tint
- Complies with food and beverage industry standards
- Meets NSF, USDA and FDA requirements

Specifications

Maximum Working Pressure

Refer to table above

Working Temperature

-4°C to 65°C (25°F to 150°F)

Construction

Material : High Quality Flexible PVC Compound

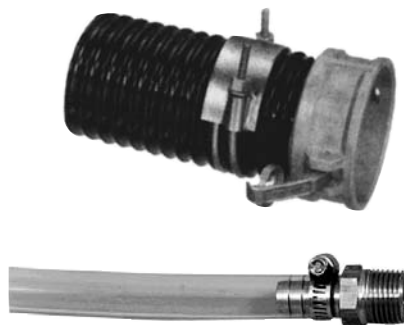
Colour

Clear Appearance with a Light Blue Tint

Recommended Fittings

Series 33 Hose Barb Fittings
Series 39 Hose Clamps
Series 28 Camlock Fittings

IDEAL FOR THE FOOD PROCESSING INDUSTRY



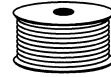
Recommended hose clamps and fittings

Clear



FDA Compliant

VACUUM TUBING (Reinforced with steel spiral)



Part No.	Tube I.D. in.	Tube O.D. in.	Maximum Working Pressure @ 70°F (PSI)	Standard Length (ft) (reel)
40.8024	1/4	1/2	250	100'
40.8044	3/8	5/8	150	100'
40.8052	1/2	13/16	150	100'
40.8060	5/8	1	150	100'
40.8072	3/4	1 1/8	150	100'
40.8092	1	1 3/8	100	100'
40.8124	1 1/4	1 3/4	100	50'
40.8152	1 1/2	2	100	50'
40.8190	2	2 1/2	100	50'

Applications

- For industrial vacuum pumps and other pumping applications

Features

- Designed to dissipate static electricity through the grounded metal wire
- Resists to crushing and kinking
- Glass smooth interior to reduce material friction and sediments buildups
- Lightweight and abrasion resistant
- Galvanized metal wire

Specifications

Maximum Working Pressure

Refer to table

Working Temperature

-4°C to 65°C (25°F to 150°F)

Construction

Material : PVC with Reinforced Galvanized Steel

Colour

Clear

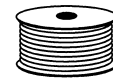
Recommended Fittings

Hose Barb Fittings (Series 33) and Hose Clamps (Series 39), or Fittings (Series 29)



Recommended fittings

FLEXIBLE VACUUM TUBING (Reinforced with PVC spiral)



Part No.	Tube I.D. in.	Tube O.D. in.	Maximum Working Pressure @ 70°F (PSI)	Maximum Vacuum @ 70°F (in. Hg)	Standard Length (ft) (reel)
40.8407	3/4	0.94	110	28	100'
40.8410	1	1.26	85	28	100'
40.8412	1 1/4	1.51	85	28	100'
40.8415	1 1/2	1.76	70	28	100'
40.8420	2	2.32	65	28	100'
40.8425	2 1/2	2.87	65	28	100'
40.8430	3	3.41	65	28	100'
40.8440	4	4.55	55	28	100'
40.8460	6	6.75	40	28	100'

Applications

- For industrial vacuum pumps and other pumping applications
- For construction, mining, agriculture, irrigation lines or any other use such as transferring bulk merchandise

Features

- Tube is reinforced with a PVC spiral for more flexibility
- Lightweight and abrasion resistant

Specifications

Maximum Working Pressure

Refer to table above

Working Temperature

-20°C to 65°C (-4°F to 150°F)

Construction

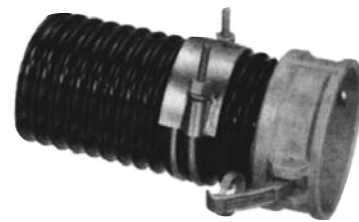
Material : Reinforced PVC

Colour

Clear with Green Spiral

Recommended Fittings

Series 28 Camlock Fittings



Recommended hose clamps and fittings



Part No.	Tube I.D. in.	Tube O.D. in.	Maximum Working Pressure @ 68°F (PSI)	Standard Length (ft) (reel)
40.9415	1-1/2	1.82	20	100
40.9420	2	2.39	15	100
40.9425	2-1/2	2.89	10	100
40.9430	3	3.46	10	100
40.9435	3-1/2	3.97	9	100
40.9440	4	4.50	8	100
40.9450	5	5.50	7	100
40.9460	6	6.54	6	100
40.9480	8	8.59	4	100

Clear with Grey Spiral



Applications

- To be used with fume removal systems, dust collection, air vents and blowers
- Ideal for bulk merchandise, seed and grain transfer lines
- For vacuum handling equipment

Features

- Clear reinforced PVC tubing
- Lightweight and abrasion resistant
- Smooth bore construction prevents material buildups
- Not recommended for liquid transfer applications

Specifications

Maximum Working Pressure

Refer to table above

Working Temperature

-20°C to 65°C (-4°F to 150°F)

Material

Reinforced PVC

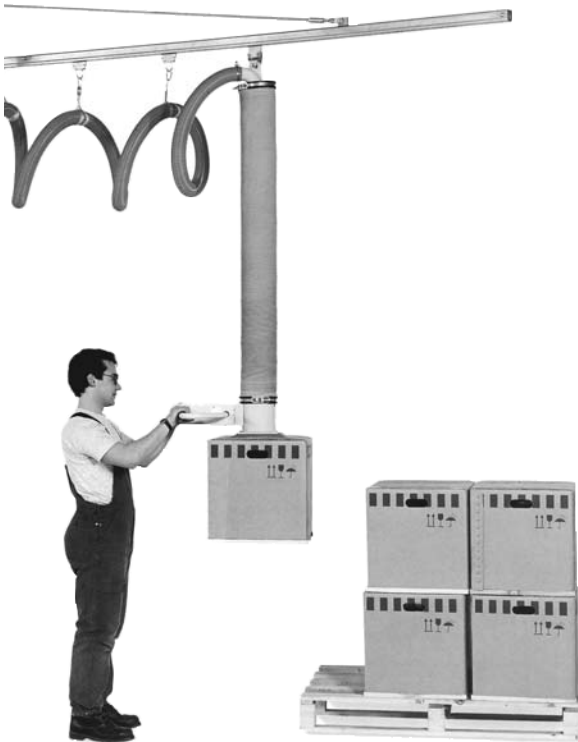
Colour

Clear with Grey Spiral

Recommended Fittings

Camlock Fittings (Series 28) with Hose Clamps (Series 39)

IDEAL FOR EQUIPMENT HANDLING



For any questions or information about compressed air you may contact us at
Tel. : 1-888-730-0501
Fax : 1-888-730-3522
or visit our web site at
www.airmax.ca



Hose clamps recommended

COMPACT TUBE CUTTER



Features

- Lightweight plastic body
- Easily replaceable tempered steel blade

Part No.	Description
40.9901	Tube cutter
40.9902	Replacement blades

LIGHTWEIGHT PVC HOSE CUTTER



Features

- Heavy duty PVC material
- Can cut hose up to 2" in diameter
- Easy to install replacement blades

Part No.	Description
40.9911	Hose cutter 1" dia.
40.9912	Replacement blade 1"
40.9921	Hose cutter 2" dia.
40.9922	Replacement blade 2"

RUGGED STEEL HOSE CUTTER



Features

- Solid all-steel construction
- Provides square cut on hoses up to 1-1/8" in diameter

Part No.	Description
40.9931	Steel hose cutter
40.9932	Replacement blades (2 units)

TUBE RACK



Features

- Arranges tubing neatly and safely
- Polypropylene compound solid construction
- Accepts tubing from 5/32" to 1/2" or from 4 mm to 12 mm
- Can be cut to the number of tubes required



INCH

Part No.	Tube O.D.	Number of tubes
40.9950	1/4"	2
40.9952	1/4"	3
40.9954	1/4"	10
40.9956	3/8"	7

METRIC

Part No.	Tube O.D.	Number of tubes
40.9960	4 mm (5/32")	12
40.9962	6 mm	12
40.9964	8 mm (5/16")	8
40.9666	10 mm	6