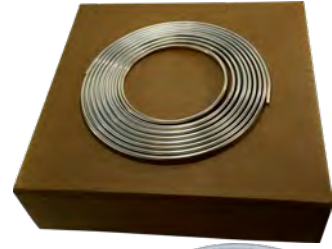


TUBING

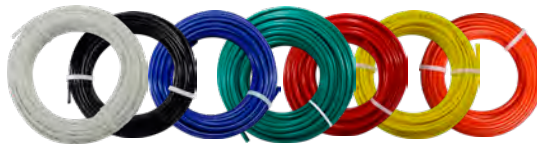


POLYURETHANE



POLYETHYLENE

Sold individually boxed



Natural, Black, Blue, Green, Red, Yellow, Orange

NYLON

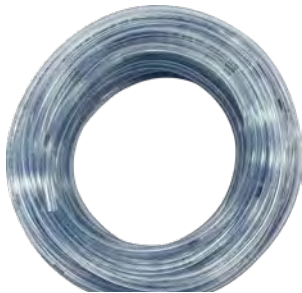
Sold individually boxed



PVC

• Clear

Sold individually boxed



COPPER AND ALUMINUM



TYPE L AND REFRIGERATION

ALUMINUM



PRICING FILE AVAILABLE ONLINE

POLYURETHANE

TUBING

POLYURETHANE NSF 51®



NSF 51® polyurethane (PUR) Shore A 98 tubing is made from the highest quality raw materials available. It is etherbased to provide excellent hydrolysis, oil and cold resistance. Polyurethane NSF 51® is strong and flexible and offers superior kink resistance compared to other tubing. It is 5 to 10 times more wear resistant and lighter in weight than any rubber hose.

Polyurethane NSF 51® tubing has an outside diameter made to extremely tight tolerances. It is ideal for use with push-to-connect fittings, as well as barb-type and compression fittings for simple installation.

Features

- Strong
- Lightweight
- Flexible
- Abrasion Resistant
- Heat & Cold Resistant
- Chemical Resistant
- Kink Resistant
- NSF 51® Certified
- Meets NSF 61® Requirements

Specifications

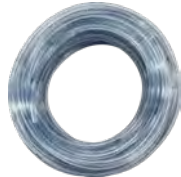
Temperature Range: -40°F to +160°F
 Hardness: Shore A 98
 Vacuum Rating:
 To 28" Hg
 Tolerances:
 1/8"-1/2" O.D. +/- .005
 9/16"-3/4" O.D. +/- .006
 RoHS Compliant

Applications

Pneumatic Tools Lube Lines
 Pneumatic Piping Painting Systems
 Vacuum Food & Beverages
 Laboratories
 Robotics
 Motion Control
 Instrumentation
 Agriculture

100' FOOT LENGTHS

CLEAR



PART #	O.D. (IN)	I.D. (IN)	WALL THICKNESS (IN)	BEND RADIUS (IN)	W.P. @70°F (PSI)	W.P. @150°F (PSI)	3:1 BURST PRESSURE	PACKAGE WEIGHT (LBS)
973341	4mm, 5/32	.093	.031	.250	200	85	600	.70
973343	.250	.156	.047	.476	180	70	540	1.50
973345	.375	.250	.063	1.000	150	70	450	3.40

BLACK



PART #	O.D. (IN)	I.D. (IN)	WALL THICKNESS (IN)	BEND RADIUS (IN)	W.P. @70°F (PSI)	W.P. @150°F (PSI)	3:1 BURST PRESSURE	PACKAGE WEIGHT (LBS)
73341B	4mm, 5/32	.093	.031	.250	200	85	600	.70
73343B	.250	.156	.047	.476	180	70	540	1.50
73345B	.375	.250	.063	1.000	150	70	450	3.40
73346B	.500	.328	.086	1.102	150	70	450	5.60

BLUE



PART #	O.D. (IN)	I.D. (IN)	WALL THICKNESS (IN)	BEND RADIUS (IN)	W.P. @70°F (PSI)	W.P. @150°F (PSI)	3:1 BURST PRESSURE	PACKAGE WEIGHT (LBS)
73341U	4mm, 5/32	.093	.031	.250	200	85	600	.70
73343U	.250	.156	.047	.476	180	70	540	1.50
73345U	.375	.250	.063	1.000	150	70	450	3.40

RED



PART #	O.D. (IN)	I.D. (IN)	WALL THICKNESS (IN)	BEND RADIUS (IN)	W.P. @70°F (PSI)	W.P. @150°F (PSI)	3:1 BURST PRESSURE	PACKAGE WEIGHT (LBS)
73341R	4mm, 5/32	.093	.031	.250	200	85	600	.70
73343R	.250	.156	.047	.476	180	70	540	1.50
73345R	.375	.250	.063	1.000	150	70	450	3.40
73346R	.562	.375	.093	1.142	140	60	420	5.60

OD Sizes Available

.125, .187, 1/4(1/8), 8mm(5/16)
 .562, .625 and .750

Other sizes, Lengths and
 Colors available

- Available in longer lengths upon request
- Other colors available

POLYETHYLENE

LINEAR LOW DENSITY POLYETHYLENE TUBING (LLDPE)

Features

- Chemically Inert
- Chemical Resistant
- Lightweight & Flexible
- Good Dielectric Properties
- Impermeable to Gases
- Meets FDA Requirements
- Multiple Colors Available
- Vacuum rating to 28" Hg

Polyethylene is made from 100% non-toxic ingredients. It's inert nature and FDA compliant status makes it perfect for food, water and beverage piping. It is ideal for use in pneumatic, drain piping, lab use and chemical transfer applications which require an inexpensive tubing

Polyethylene is highly-resistant to stress cracking from chemicals, aging and ultraviolet exposure. For use with barb-type, push-to-connect or compression-style fittings.

Specifications

Temperature Range: -50°F to +140°F
Hardness: Shore A 93A
Shore D 45D

Applications

- Food & Beverage
- Pneumatic Tools
- Pneumatic Piping
- Electrical Jacketing
- Drain Lines
- Instrumentation
- Chemical Transfer
- Process Control Laboratories



100' LENGTH



500' LENGTH



1000' LENGTH

100' LENGTH - Natural

PART #	TUBE O.D.	TUBE ID	TUBE WALL	WORKING PRESSURE	
973200	1/8"	0.08	0.022	250	----
973201	5/32"				
973203	1/4"	0.17	0.040	150	----
973204	1/4"	0.125	0.0625	350	----
973205	8mm/5/16"	0.236	0.038	150	----
973206	3/8"	0.25	0.0625	150	----
973207	1/2"	0.375	0.0625	125	----
973208	5/8"	0.50	0.0625	100	----
973211	3/4"				

500' LENGTH

PART #	TUBE O.D.	TUBE ID	TUBE WALL	WORKING PRESSURE	
73200N5	1/8"	0.085	0.020	250	----
73203N5	1/4"	0.17	0.040	150	----
73204N5	1/4"	0.125	0.0625	350	----
73206N5	3/8"	0.25	0.0625	150	----
73207N5	1/2"	0.375	0.0625	125	----

1000' LENGTH

PART #	TUBE O.D.	TUBE ID	TUBE WALL	WORKING PRESSURE	
73203N1	1/4"	0.17	0.040	150	----
73206N1	3/8"	0.25	0.0625	150	----

POLYETHYLENE

TUBING

LLDPE POLYETHYLENE TUBING - COLORS



BLACK

- 100'
- 500'
- 1000'

PART #	COLOR	LENGTH	NOMINAL O.D.	
73203B	Black	100'	1/4"	----
73204B	Black	100'	1/4"	----
73205B	Black	100'	5/16"	----
73206B	Black	100'	3/8"	----
73207B	Black	100'	1/2"	----
73208B	Black	100'	5/8"	----
73203B5	Black	500'	1/4"	----
73205B5	Black	500'	5/16"	----
73206B5	Black	500'	3/8"	----
73207B5	Black	500'	1/2"	----
73203B1	Black	1000'	1/4"	----
73206B1	Black	1000'	3/8"	----



BLUE

- 100'
- 500'
- 1000'

PART #	COL-OR	LENGTH	NOMI-NAL O.D.	
73203U	Blue	100'	1/4"	----
73206U	Blue	100'	3/8"	----
73207U	Blue	100'	1/2"	----
73203U5	Blue	500'	1/4"	----
73206U5	Blue	500'	3/8"	----
73203U1	Blue	1000'	1/4"	----

GREEN



- 100'
- 500'
- 1000'

PART #	COLOR	LENGTH	NOMI-NAL O.D.	
73203G	Green	100'	1/4"	----

RED



- 100'
- 500'
- 1000'

PART #	COL-OR	LENGTH	NOMI-NAL O.D.	
73203R	Red	100'	1/4"	----
73206R	Red	100'	3/8"	----
73203R5	Red	500'	1/4"	----
73206R5	Red	500'	3/8"	----
73203R1	Red	1000'	1/4"	----



GO ONLINE TO VIEW OPEN ORDERS, ORDER HISTORY, AND TRACKING INFORMATION ON ALL SHIPMENTS

NYLON 12 TUBING

Nylon 12 tubing is recognized as an industry standard for applications which require higher working pressures and higher heat and/or chemical resistance. It is ideal for outdoor use applications because of its superior stress crack resistance. Nylon 12 is strong, lightweight and has a very low moisture absorption rate compared to other nylons. By not absorbing moisture, Nylon 12 remains more flexible, which in turn extends it's service life. Nylon 12 tubing can be used with standard push-to-connect fittings and compression fittings for simple installation.

Because of it's semi-rigid properties, a thinner tube wall provides higher flow rates and working pressure.

Features

- Strong
- Lightweight
- Flexible
- Abrasion Resistant
- Heat Resistant
- Chemical Resistant
- Heat/ Light Stabilized
- Black - UV Rated

Specifications

Temperature Range: -60°F to +200°F
 Hardness: Rockwell 78 R
 Shore D 70
 Vacuum Rating: To 28" Hg
 Higher Flow Rates & Working Pressure
 Tolerances: 1/8"-1/4" +/- .004
 3/4"-1/2" +/- .006

Applications

- Pneumatic Tools
- Pneumatic Piping
- Instrumentation
- Lube Lines
- Coolants
- Refrigeration
- Chemical Transfer
- Vacuum
- Process Control
- Fuel Lines
- Paint Supply Lines
- Laboratories

Part #'s shown are for natural. 500' and 1000' reels available on request.



100' LENGTH



BLACK TUBING & MISC.



METRIC LENGTH

100' LENGTH

PART #	TUBE O.D.	TUBE ID	TUBE WALL	WORKING PRESSURE	
973230	1/8"	0.08	.022	420	----
973231	5/32"	0.106	.025	350	----
973232	1/4"	0.18	.035	290	----
973238	1/4"	0.15	.05	800	----
973226	5/16"	0.236	.039	250	----
973233	3/8"	0.275	.050	250	----
973234	1/2"	0.375	.062	240	----

BLACK TUBING & MISC.

PART #	O.D.	TUBE ID	WALL	WORKING PRESSURE	
73230B	1/8	0.08	0.022	420	----
73231B	5/32	0.106	0.025	350	----
73232B	1/4	0.18	0.035	290	----
73238B	1/4	0.15	0.05	800	----
73233B	3/8	0.275	0.05	250	----
73232N5*	1/4	0.18	0.035	290	----
73238U**	1/4	0.15	0.075	800	----

• 500' Natural **Blue

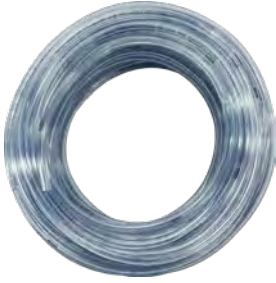
*METRIC LENGTH - 100 ft. coils • available in natural color only

PART #	MM O.D.	MM I.D.	MM WALL	WORKING PRESSURE	
973323	4	2.7	0.65	350	----
973326	6	3.5	1.25	350	----
973325	6	4	1	340	----
973327	8	6	1	250	----
973329	10	8	1	225	----
973332	12	10	1	200	----
973334	14	11	1.5	175	----

PVC TUBING AND TUBING CUTTERS

TUBING

PVC POLYVINYLCHLORIDE TUBING - NSF61



PVC is suited for general, low-pressure, industrial applications for the conveyance of liquids and solids of suitable granular size. Made from a PVC compound that complies with FDA regulations. Although it is primarily intended for applications where pressure is not essential, it will withstand the pressures shown.

The clear PVC Tubing provides good chemical resistance, is lightweight, flexible and economically priced.

Features

- Lightweight
- Flexible
- Food Grade
- Clear Color/ Blue tint

Specifications

Temperature Range: +25°F to +150°F
 Hardness: Shore A 75 PVC
 Meets FDA requirements
 NSF 61 Certified
 USP Class VI rated materials
 RoHS Compliant

Applications

Beverage Dispensing Distilled Water Transfer
 Drain Tubing Light Vacuum
 Potable Water Wire Harness
 Laboratory Tubing 3:1 Burst Pressure
 Wine Transfer
 Low Pressure Air Line

Colors Available: Clear

Package Lengths: 100'

100' LENGTH

PART #	TUBE I.D.	TUBE O.D.	TUBE WALL	WORKING PRESSURE	
973224	1/8 (.125)	1/4 (.25)	1/16 (.032)	50	----
973223	3/16 (.187)	5/16 (.313)	1/16 (.062)	55	----
973215	1/4 (.25)	3/8 (.375)	1/16 (.062)	55	----
973252	5/16 (.312)	7/16 (.438)	1/16 (.062)	50	----
973253	5/16 (.312)	1/2 (.500)	3/32 (.094)	55	----
973216	3/8 (.375)	1/2 (.500)	1/16 (.062)	45	----
973255	3/8 (.375)	5/8 (.625)	1/8 (.125)	55	----
973262	3/8 (.375)	9/16 (.563)	3/32 (.094)	50	----
973217	1/2 (.500)	5/8 (.625)	1/16 (.062)	30	----
973219	3/4 (.750)	1 (1.00)	1/8 (.125)	35	----
973221	1 (1.00)	1-1/4 (1.25)	1/8 (.125)	25	----

TUBE CUTTERS

MINI-TUBING CUTTER

- Great for tight places



Part #	Size	
990571	3mm-22mm (1/8"-7/8")	----

TUBING CUTTER



PART #	SIZE	
990570	1/8"-1-1/8"	----

PLASTIC TUBE CUTTER

Range: 1/8" - 3/8" I.D. (3mm-10mm)



PART #	DESCRIPTION	
91707	Cutter w/Blade	----

MOUNTING RACKS



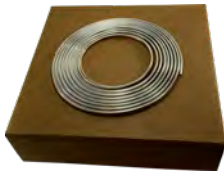
- Route and secure multiple tubing lines
- Mounting versatility
 - Racks can be easily hand separated down to single holders.
 - Thru holes provided (all sizes)
- Standard color is BLACK.
- Other colors available on special request.

NOTE: MOUNTING SCREWS NOT PROVIDED

PART #	TUBING OD	DESCRIP.	CHANNELS	
28988	1/4	non-adhesive	10	----
28989	1/4	adhesive	10	----
28990	3/8	non-adhesive	7	----
28991	1/2	non-adhesive	5	----

ALUMINUM TUBING - EASY BEND

Alloy
3003-0
ASTM
B-483



Material
to ASTM
B-483

900 PSI max
3700 Burst PSI

Bend this tubing into the shape you need without special tools or elbow fittings. It is also known as Alloy 3003. Tubing has seamless construction, which provides a smooth interior and allows it to be flared without splitting. Use with water, air, alcohol and oil. Tubing meets ASTM B483 and has a soft (annealed) temper. OD tolerance is ± 0.004 "

ALUMINUM VERSATUBE 50' COILS

PART #	O.D.	WALL THICK	ID	MAX PSI @ 100°F	CASE	50' COILS
972190	1/8	.025	.075"	2,300	10 coils	----
972191	3/16	.028	.132"	1,600	10 coils	----
972192	1/4	.032	.186"	1,400	10 coils	----
972193	5/16	.035	.243"	1,200	10 coils	----
972194	3/8	.035	.305"	1,000	10 coils	----
972195	1/2	.035	.43"	740	10 coils	----

COPPER TUBING - REFRIGERATION TUBING

ASTMB280



- Temp range: 32° to 400°F
- Bend with a bending tool
- Use with copper solder-connect fittings

This copper Alloy 122 tube comes cleaned and capped to prevent moisture and dirt from contaminating the inside. It's often called refrigeration and air conditioning tubing. Use with water, natural gas, oil and R22 refrigerant. Tubing meets ASTM B280. It has seamless construction, which provides a smooth interior. Tubing has a soft (annealed) temper.

REFRIGERATION COPPER TUBE 50' COILS

PART #	TUBE SIZE	OD	WALL	ID	MAX PSI @ 100°F	WEIGHT PER 50' COIL	50' COILS
972180	-	1/8	.030	.065"	3,000	1.74	----
972181	-	3/16	.030	.128"	1,900	2.88	----
972182	1/8	1/4	.030	.19"	1,400	4.02	----
972183	-	5/16	.032	.248"	1,100	5.45	----
972184	1/4	3/8	.032	.311"	980	6.70	----
972185	3/8	1/2	.032	.436"	720	9.10	----
972186	1/2	5/8	.035	.555"	610	12.55	----
972187	5/8	3/4	.035	.68'	510	15.25	----

COPPER TUBING - DRINKING WATER

For residential water lines



- Temp range: 32° to 180°F
- Bend with a bending tool
- Use with copper solder-connect fittings

NSF 61 certified for drinking (potable) water, this copper Alloy 122 tubing is also called type L. Tubing meets ASTM B88. It has seamless construction, which provides a smooth interior. Coils - Have a soft (annealed) temper.

• Water service • Natural, liquified and petroleum gases • Fire protection • Solar • Fuel/ Fuel oil • HVAC • Snow melting - Air Brake

TYPE L SOFT COPPER TUBING 60' COILS

PART #	TUBE SIZE	OD	WALL	ID	MAX PSI @ 100°F	WEIGHT PER 60' COIL	60' COILS
972171	1/4	3/8"	.03"	.315"	910	7.56	----
972172	3/8	1/2	.035"	.43"	770	11.88	----
972173	1/2	5/8"	.04"	.545"	720	17.10	----