

NYLO-SEAL TUBING - POLY-FLO TUBING

NYLO-SEAL NYLON TUBING

Made of Nylon-II and is far superior to other types of Nylon tubing. It does not depend on moisture for flexibility and does not become brittle. It has excellent resistance to flexural fatigue and can be used where there is vibration or tube movement. Self-extinguishing under A.S.T.M. Test D635-44. N Tubing is rated to 1000 lbs. and is excellent for instrument lines and other low pressure applications. Use NSR tubing (2500 lb. rating) for hydraulic brake lines after verifying it is appropriate tubing for your application.

N TUBING

Black Part No.	Natural Part No.	OD Inches	Wall Thickness	Burst Pressure	Min Bend Radius	Weight	Price per Ft.
N/A	05-01009	1/8	0.023	960	3/8	0.004	.
N/A	05-01010	3/16	0.025	960	1/2	0.006	.
N/A	05-01011	1/4	0.035	960	1-1/4	0.015	.
N/A	05-01012	3/8	0.05	960	2	0.032	.

NSR TUBING

Black Part No.	Natural Part No.	OD Inches	Wall Thickness	Burst Pressure	Min Bend Radius	Weight	Price per Ft.
05-01228	05-12487	1/8	0.026	2120	5/16	0.004	.
05-01230	05-12489	3/16	0.039	2120	7/16	0.008	.
05-01229	05-12488	1/4	.050	2120	9/16	0.015	.
05-01231	05-01012	3/8	0.075	2120	1	0.032	.

NYLAFLOW NYLON TUBING

Nylon Polypenco. pressure tubing is a super tough, low friction, high flexibility tubing that can be used for cable protectors or in short pieces, as small bushings and washers. Suitable for use in oil, air, vacuum, fuel and low pressure hydraulic lines. It resists abrasion and wears better than aluminum or steel tubing. Has an extremely smooth inner surface with a very low coefficient of friction. Used for brake lines, and also as a conduit for the rudder cables in the Rutan VariEze and Long-EZ. Rated 1000 psi. Use Poly-Flo fittings. Suggested Temp Range: -65 to +150 Fahrenheit Sold by the foot.

Type	OD	ID	PSI	Part No.	Price
Standard Wall	1/8	.096	1000	05-00105	.
Standard Wall	3/16	.138	1000	05-00110	.
Standard Wall	1/4	.190	1000	05-00115	.
High Bursting Pressure	1/4	.150	2500	05-04349	.
High Bursting Pressure	3/16	.111 (appx.)	2500	05-04355	.

NEOPRENE HOSE

Neoprene tubing is used in instrument hookups and for battery drains. Use AN hose fittings such as AN840 with Breeze Mini Clamps, nylon or polyethylene hose fittings such as 0710-153. Not for use as fuel or oil lines.

I.D.	Wall	Part No.	Price/Ft
3/16"	1/16"	05-00200	.
1/4"	1/16"	05-00300	.
3/8"	1/16"	05-00400	.

TYGON TUBING

Tygon tubing is flexible, tough, abrasion-resistant and non-aging. Ideal for hookup of airspeed pitot and static lines (not recommended for pressurized applications). Use AN hose fittings such as AN840 with Breeze Mini Clamps, nylon or polyethylene hose fittings such as 0710-153.
3/8" O.D. x 1/4" I.D. P/N 05-00944 Ft
1/2" O.D. x 3/8" I.D. P/N 05-00945 Ft

BING ALCOHOL RESISTANT FUEL LINE

This fuel line is blue in color and does not rot or deteriorate from the inside, clogging the carburetor or fuel system. It withstands 50 PSI and tensile strength is 8000 PSI. It is resistant to temperatures of -65° to 220°F without deterioration, features exceptional resistance to gasoline, oil, oxygen, and ozone, and has high elastic memory allowing use of Delrin or nylon barbed fittings in low pressure applications without the need for external clamps.

Description	ID	OD	Part No.	Price
Bing Alcohol Resistant Fuel Line	1/4	3/8	05-00500	.
Bing Alcohol Resistant Fuel Line	1/8	1/4	05-00560	.

VINYL TUBING

This clear Vinyl tubing is strong and light weight. Use flexible vinyl tubing to transport liquids, gases, and some solids. Chemically resistant to alkalies, alcohol, aliphatic, hydrocarbons, oils, and some acids.

Part No.	OD	ID	Price
0500-071	3/8	1/4	.
0500-165	7/8	5/8	.
0500-180	1	3/4	.

BLACK MAX NYLON BRAKE LINE

This is the standard brake line used with Black Max Kits. It is nylon tubing with 1/8" OD x .078" ID and 1000PSI. Sold by the Foot. P/N 06-01006

POLY-FLO POLYETHYLENE TUBING

Poly-Flo tubing is a flexible, economical thermoplastic tubing fabricated from high molecular weight polyethylene for improved strength. The base resin has the greatest resistance to environmental stress cracking of all the regular polyethylenes. It meets A.S.T.M. D-1248-60T, Type 1, Class A, Grade 4 and Federal Specification LP-590, Type 2, Grade 7. Used for instrument or pneumatic lines. Use Nylo-Seal fittings (259-N inserts are required), nylon or polyethylene hose fittings such as 0710-153. Color - natural.

Part No.	Tube OD	Wall	Bend Radius	PSI at 75 F	PSI at 150 F	Price
44-P	1/4	0.040	1.250	190	75	.
66-P	3/8	0.062	2.00	205	80	.
88-P	1/2	0.062	2.500	150	60	.

PRESSURE RATINGS

Operating Temperature	Poly-Flo (Polyethylene)		Nylo-Seal NSR** (Nylon 11)	
	Burst Pressure* PSI	Max. Work Pressure* PSI	Burst Pressure* PSI	Max. Work Pressure* PSI
Room Temp.	250-600	75-160	2500	625
140°F.	125-300	37-80	1800	425
230°F.	UNUSABLE		1400	350
280°F.	UNUSABLE		UNUSABLE	

*Depends on tube size and wall thickness. Working pressure based on a safety factor of 4.
**Satisfactory for continuous operation up to 180°F. Becomes embrittled above this point.

SUPER HEAVY PULSE LINE

Super heavy wall clear polyurethane pulse line has an extra thick 3/32" wall that will not dampen crankcase pulse even on longer runs. Clear one piece urethane construction is not affected by fuel. Will not harden, crack, or become brittle with age. Can also be used as clear fuel line. Sold by the foot. Outside Diameter: 7/16". Inside Diameter: 1/4". Wall Thickness: 3/32" P/N 15-06094

CLEAR BLUE FUEL LINE

Polyether-based Polyurethane Tubing offers excellent resistance to chemicals, kinking, abrasion, hydrolysis, oxidation, and ozone exposure. Our Polyether-based Polyurethane tubing excels in maintaining exceptional flexibility, high-impact strength, and above average performance in cold temperature.

O.D.	Description	Part Number	Price
1/4"	Clear Blue Polyurethane Fuel Line	15-04632	.
5/16"	Clear Blue Polyurethane Fuel Line	15-04874	.
3/8"	Clear Blue Polyurethane Fuel Line	15-04818	.

POLYURETHANE TUBING

Flexible polyurethane tubing has greater abrasion and tear resistance than any other type of plastic tubing. Won't age or oxidize. Excellent low temperature flexibility - avoids brittleness. Tensile strength 5900 PSI. Use AN hose fittings such as AN840 with Breeze Mini Clamps, nylon or polyethylene hose fittings such as 0710-153. Sold by the foot.

Mfg Part No.	OD	ID	Our Part No.	Price
0585-033	3/16	1/8	05-11169	.
0585-071	3/8	1/4	0585-071	.
0585-107	1/2	3/8	0585-107	.
0585-165	7/8	5/8	0585-165	.
0585-180	1	3/4	05-04246	.

PARKER SUPER-FLEX

397 SERIES FUEL LINE HOSE

Parker's fuel line hose includes a thermoplastic barrier that helps protect atmosphere from harmful hydrocarbons that escape through the carcass of ordinary fuel hose. This hose surpasses all of CARB's stringent permeation requirements and is similar to SAE30R7 specifications. The Super-Flex FL hose also features an abrasion and weather resistant cover to help protect from external application abuse. **Approved for biodiesel fuels that meet ASTM D 6751 requirements per UL guidelines for Biodiesel compatibility.**
4:1 Design factor

Tube:	NBR with a thermoplastic barrier
Cover:	Black Hypalon
Reinforcement:	Braided Polyester
Temperature Range:	-30°F to +257°F (-34°C to +125°C)

Part No.	ID (in.)	Reinf. Braids	OD (in.)	OD (mm)	Approx. wt. per 100 ft.	Min. Bend Rad.	Max Rec. WP	Price Per Ft.
05-03597	1/4	1	0.500	12.7	9.7	1.5"	100	.
05-07223	5/16	1	0.0562	14.3	11.3	2.5"	100	.
05-03598	3/8	1	0.625	15.9	1.30	2"	100	.