



Braid Reinforced PVC Hose

- Open mesh polyester braiding permanently encapsulated in walls of clear, flexible PVC tubing
- Offers far higher pressure capabilities than unreinforced PVC tubing
- Made from non-toxic ingredients conforming to USP Class VI and FDA standards
- Crystal clear compound provides full visual flow^
- Mirror smooth interior permits outstanding flow characteristics
- Corrosion and abrasion resistant with flexibility similar to rubber but with much longer life



Made in U.S.A.

APPLICATIONS

**Beverage Lines • Chemical Transfer • Coolant Lines • Food Handling • Hydraulics • Instrumentation Lines • Material Handling • Oil & Fuel • Pneumatics • Spray Systems • Water & Fluid Feeds**

Physical Properties\*\*

Hardness, Shore A ±5	80
Tensile Strength, psi	2500
Elongation at Break, %	320
Brittle Temperature	-50°F
Max. Operating Temperature	175°F

\*\*Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for the application.

Notes

Clear NYLOBRADE is made from non-toxic ingredients selected from those sanctioned by the Food and Drug Administration (FDA) for use in food contact applications.

NYLOBRADE is generally unaffected by most oxidizing and reducing agents. Diluted acids and alkalis have little effect, though if highly concentrated tend to make the hose less pliable. If chemical resistance is of major question, in-plant tests are suggested.

Gasoline and oils will harden PVC over periods of intermittent use. The hardening process will be greatly reduced under continuous use applications.

^NYLOBRADE HP (High Pressure) sizes 3/8" I.D. and up have a tighter braid pattern and, therefore, reduce the visual flow contact and increase the hose's resistance to bending & flexing. Heavier walls on similar I.D.s will be more resistant to kinking.

Custom sizes, colors, and other durometers are available through minimum order. Heat-formed shapes, bonding, and other custom fabrication, such as a ribbed O.D. for greater flexibility and abrasion resistance, are also available -- call for details. Samples of stock material are available upon request.

NSF-approved NYLOBRADE is available - contact us for details.

# NYLOBRADE

Product Number	ID	OD	Wall	Available Lengths	Working PSI (at 70°F)	Burst PSI (at 70°F)	Weight (lbs/100 ft)
<a href="#">1000076</a>	.125 (1/8)	.315	.095	100, 500	465	1395	3.53
<a href="#">1000230</a>	.188 (3/16)	.394	.103	50, 100, 500	315	945	5.06
<a href="#">1000307</a>	.250 (1/4)	.453	.102	50, 100, 500	300	900	6.03
<a href="#">1000461</a>	.313 (5/16)	.531 (17/32)	.094	50, 100, 500	280	840	7.77
<a href="#">1000538</a>	.375 (3/8)	.600	.113	50, 100, 500	230	690	9.26
<a href="#">1000692</a>	.500 (1/2)	.728	.114	50, 100, 200, 500	215	645	11.82
<a href="#">1000846</a>	.625 (5/8)	.906 (29/32)	.141	50, 100, 200, 300, 500	200	600	18.17
<a href="#">1000923</a>	.750 (3/4)	1.024	.137	50, 100, 300, 500	150	450	20.53
<a href="#">1001154</a>	1.000	1.299	.150	50, 100, 300	130	390	29.03
<a href="#">1001308</a>	1.250 (1-1/4)	1.732	.241	50, 100	110	330	60.7
<a href="#">1001385</a>	1.500 (1-1/2)	1.929	.215	50, 100	70	210	62.12
<a href="#">1001462</a>	2.000	2.500 (2-1/2)	.250 (1/4)	50, 100	50	150	95.02
<a href="#">1020005</a>	1.000	1.375 (1-3/8)	.188 (3/16)	50, 100	185	555	29.03
<a href="#">1020012</a>	1.250 (1-1/4)	1.732	.241	50, 100	150	450	60.7
<a href="#">1020019</a>	1.500 (1-1/2)	1.950	.225	50, 100	90	270	62.12
<a href="#">1020026</a>	2.000	2.500 (2-1/2)	.250 (1/4)	50, 100	133	399	95.02
<a href="#">1020061</a>	.250 (1/4)	.500 (1/2)	.125 (1/8)	50, 100, 500	400	1200	6.03
<a href="#">1020075</a>	.375 (3/8)	.625 (5/8)	.125 (1/8)	50, 100, 500	265	795	9.26
<a href="#">1020096</a>	.500 (1/2)	.850	.175	50, 100, 500	258	774	20
<a href="#">1020117</a>	.750 (3/4)	1.125 (1-1/8)	.188 (3/16)	50, 100, 200, 300	233	699	20.53
<a href="#">1030309</a>	.250 (1/4)	.435	.093	100	316	948	5.35
<a href="#">1030540</a>	.375 (3/8)	.575	.100	100	215	645	8.02
<a href="#">1030694</a>	.500 (1/2)	.710	.105	100	191	573	10.73

Add length suffix to part number when ordering.

Example: 500 ft. of 1/8" I.D. x .315" O.D. is part number 100 0076-500.

**ID** is the critical dimension for [fittings](#) application.