



BraidFLEX™ 70N

Product Features

The BraidFLEX™ 70N product line is very similar to our ClearFLEX™ 70NP product line, but with the added inner nylon braid it can withstand much higher pressure applications. It maintains a clear color and flexible nature to allow for easy installation like all of our other ClearFLEX™ product lines along with visual flow monitoring.

BraidFLEX™ 70N PVC Tubing

- Embedded braid prevents material entrapment, ensures easy cleaning
- Easy to bend into place
- Flexible; permits tight clamping for leakproof connections
- Maximum working pressure clearly printed on tubing
- Clear tubing allows full visual flow monitoring
- Complies with NSF-51
- Complies with FDA CFR21 for food packaging
- Meets REACH, ROHS and Proposition 65 requirements

Chemical Resistance

Ratings for ideal conditions 73°F / 25°C

Strong Mineral Acids	Fair
Organic Acids	Good
Weak Acids	Excellent
Bases - Weak	Excellent
Bases - Strong	Good
Solvents	Not Recommended

Typical Applications

- Transfer lines
- Pneumatic circuitry
- Cell culture
- General Laboratory
- Use with insert/barbed fittings, do not allow pressure against cut end of the tube
- High pressure applications including lab, food and beverage
- NOT recommended for vacuum applications

Specifications

All BraidFLEX™ 70N tubing products offer the following:

- NSF-51 certified
- Acceptable for food contact by the following standard: *Every substance selected to formulate the items below is either "generally recognized as safe" (GRAS), prior-sanctioned, subject to an effective Food Contact Notification (FCN), subject to a Threshold of Regulation (TOR) exemption, or identified on one or more following sections of Title 21 of the Code of Federal Regulations published by the U.S. Food and Drug Administration (FDA): 181.5, 181.27, 178.2010, 172.860, 174.5*
- Meets REACH, ROHS and Proposition 65 requirements

Ingredients & CRF Paragraph No.	
Polyvinyl Chloride	175.300
Plasticizers	181.27
Stabilizers	178.2010
Colorants	178.3970

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BraidFLEX™ 70N Size & Physical Properties

Size Chart

Catalog Number	ID Size In.	OD Size In.	Wall	Operating Pressure PSIG 73°F	Case Qty. Ft.
8470-4300	3/16	3/8	3/32	276	100
8470-7300	3/16	3/8	3/32	276	250
8470-4340	1/4	7/16	3/32	276	100
8470-7340	1/4	7/16	3/32	276	250
8470-4395	5/16	1/2	3/32	276	100
8470-4435	3/8	9/16	3/32	250	100
8470-7435	3/8	9/16	3/32	250	250
8470-4515	1/2	3/4	1/8	230	100
8470-7515	1/2	3/4	1/8	230	250
8470-4570	5/8	7/8	1/8	230	100
8470-7570	5/8	7/8	1/8	230	250
8470-2605	3/4	1	1/8	176	50
8470-7605	3/4	1	1/8	176	250
8470-2680	1	1-5/16	5/32	140	50
8470-7680	1	1-5/16	5/32	140	250
8470-2715	1-1/4	1-5/8	3/16	100	50
8470-2750	1-1/2	1-7/8	3/16	80	50
8470-2790	2	2-1/2	1/4	70	50

Physical Properties

Properties	ASTM Method	Value Rating
Hardness; Shore A (+/- 5)	D2240	70
Vacuum		Not Recommended
Operating temperature range		-5°F - 180° F -21°C - 82°C
Maximum Working Pressure		73°F / 276PSI 125°F / 138PSI
Testing Size		1/4"ID x 3/32"W
Color		Clear
Odor		Slight
Taste		None
Specific Gravity; g/cm ³	D792	1.20
Tensile Strength; psi	D638	2000
Ultimate Elongation; %	D638	350
Flame Resistance	D568	Self-extinguishing

* The above is accurate to the best of the Company's knowledge, however, these are typical values and should not be used as a certification. All materials should be tested for suitability in their intended use.