

WaterFLEX™ 70G/W

The WaterFLEX™ 70G/W product line is engineered specifically for reliable potable water transfer and deionized water applications. Enhanced with an inner nylon braid, it provides the structural integrity needed to withstand much higher pressure applications. It maintains a flexible nature to allow for easy installation like all of our other product lines.

- 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
- Non-marking cover that is opaque to help reduce UV degradation, custom colors available

Typical Applications

- Potable water transfer lines
- Deionized (DI) water lines
- General Laboratory
- Cell culture delivery lines
- High pressure applications including lab, food and beverage
- Use with insert/barbed fittings, do not allow pressure against cut end of the tube
- NOT recommended for vacuum applications

Specifications

All WaterFLEX™ 70G/W tubing products offer the following:

- NSF-51 and NSF-61-G Listed
- FDA Compliance: Manufactured from ingredients whose usage is sanctioned by the U.S. Food & Drug Administration under Title 21 of the Code of Federal Regulations for food contact applications, with the following restrictions:
 - Acceptable Food Types: All, up to 50% alcohol
 - Conditions of Use: B through H, not to exceed 100°C
 - Restrictions: Repeat use only and not for use in contact with infant formula and breast milk
- Meets REACH and ROHS standards, does not contain substances listed on Proposition 65
- Does not contain any PFAS ingredients or any ingredients listed under the EPA TSCA Act
- The Fluid Contact Surface offers the following:
 - Meets the requirements of the U.S. Pharmacopeia Class VI (chapters 87 and 88) Biological Tests for Plastics
 - Meets UL94 HB/V-1 requirements
 - Meets ISO 10993 (parts 2, 5, 10 and 12) requirements
 - Meets 3A requirements for milk transfer

Chemical Resistance

Ratings for ideal conditions 73°F / 25°C

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

Physical Properties

Properties	ASTM Method	Value Rating
Hardness; Shore A (+/- 5)	D2240	70
Vacuum		Not Recommended
Operating temperature range		-5°F - 175° F -21°C - 80°C
Maximum Working Pressure		73°F / 276PSI 125°F / 138PSI
Testing Size		1/4"ID x 3/32"W
Color		Opaque Cover
Odor		Slight
Taste		None
Specific Gravity; g/cm ³	D792	1.19
Tensile Strength; psi	D638	2425
Ultimate Elongation; %	D638	400
Flame Resistance	D568	Self-extinguishing

WaterFLEX™ 70G/W Size Chart

Catalog Number	Id (in)	Od (in)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8473-5435 (grey)	3/8	9/16	3/32	250	300
8473-5515 (grey)	1/2	3/4	1/8	230	300
8473-7605 (grey)	3/4	1	1/8	176	250
8473-7680 (grey)	1	1-5/16	5/32	140	250
8473-2750 (grey)	1-1/2	1-7/8	3/16	80	50
8475-5515 (white)	1/2	3/4	1/8	230	300
8475-7605 (white)	3/4	1	1/8	176	250
8475-7680 (white)	1	1-5/16	5/32	140	250

* 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.