Finger Lakes Extrusion
Flexible Solutions in Plastics

ClearFLEX™ 60NP

The ClearFLEX™ 60NP non-phthalate product line is made from a 60 durometer flexible PVC compound that is bovine-free and formulated with a unique non-DEHP, non-phthalate plasticizer for use in infant products, food and beverage applications and medical devices where the presence of phthalates is undesirable. The ingredients in this compound allow distributors and end users to market its use not only in the USA but also in Europe.

Typical Applications

- General Laboratory
- Transfer of foods, beverages, syrups,
- cooking oils, flavor extracts and preservatives
- Transfer of milk and milk products
- Blood transfer lines and other medical devices
- Pharmaceutical
- Brewery and Winery

Specifications

- NSF-51 Listed
- FDA: Is 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, upto 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 the requirements of the U.S. Pharmacopoeia Class VI (chapters 87 and 88) Biological Tests for Plastics
- Meets REACH and ROHS standards and does not contain substances listed on Proposition 65
- Meets ISO 10993 (parts 2, 5, 10 and 12) requirements
- Does not contain any PFAS ingredients or any ingredients listed under the EPA TSCA Act

ClearFLEX™ 60 Non-Phthalate PVC

For Food and Beverage Processing plus Laboratory, Medical and Pharmaceutical Applications

- Will not impart taste or odors
- Flexible and easy to install and fit around corners - minimizes couplings
- Clear for visual inspection and flow control

Chemical Resistance

Ratings for ideal conditions 73°F / 25°C					
Strong Mineral Acids	Organic Acids	Weak Acids	Bases Weak	Bases Strong	Solvents
Fair	Not Good	Excellent	Excellent	Fair	Not Recommended

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Physical Properties

Properties	ASTM Method	Value Rating
Hardness; Shore A (+/- 5)	D2240	60
Vacuum		Not Recommended
Operating temperature range		-25 + 160
Maximum Working Pressure		73° / 30PSI 125° / 15PSI
Testing Size		1/4"ID x 1/16"W
Color		Crystal Clear
Odor		Slight
Taste		None
Specific Gravity; g/cm³	D792	1.19
Tensile Strength; psi	D638	2074
Ultimate Elongation; %	D638	410

ClearFLEX™ V60 PVC Size Chart

Catalog Number	Id (in)	Od (in)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8860-2310	3/16	9/16	3/16	62	50
8860-2350	1/4	5/8	3/16	56	50
8860-2460	3/8	7/8	1/4	54	50
8860-2530	1/2	1-1/8	5/16	52	50
8860-2585	5/8	1-3/8	3/8	56	50
8860-2625	3/4	1-1/2	3/8	46	50
8860-2700	1	2	1/2	46	50

ClearFLEX™ M60 Size Chart

Catalog Number	Id (mm)	Od (mm)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8860-0102	1.0	2.0	0.5	46	100
8860-0204	2.0	4.0	1.0	46	100
8860-0406	4.0	6.0	1.0	32	100
8860-0508	5.0	8.0	1.5	34	100
8860-0610	6.0	10.0	2.0	38	100
8860-0710	7.0	10.0	1.5	28	100
8860-0812	8.0	12.0	2.0	32	100
8860-0913	9.0	13.0	2.0	28	100
8860-1014	10.0	14.0	2.0	26	100
8860-1216	12.0	16.0	2.0	24	100
8860-1823	18.0	23.0	2.5	20	50
8860-202	20.0	25.0	2.5	18	50

ClearFLEX™ 60 PVC Size Chart

Catalog Number	Id (in)	Od (in)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8860-4170	1/16	1/8	1/32	48	100
8860-4220	3/32	5/32	1/32	42	100
8860-4245	1/8	1/4	1/16	50	100
8860-4270	5/32	7/32	1/32	30	100
8860-4275	5/32	9/32	1/16	43	100
8860-4290	3/16	1/4	1/32	22	100
8860-4295	3/16	5/16	1/16	36	100
8860-4305	3/16	7/16	1/8	52	100
8860-4335	1/4	3/8	1/16	30	100
8860-4340	1/4	7/16	3/32	40	100
8860-4345	1/4	1/2	1/8	46	100
8860-4390	5/16	7/16	1/16	28	100
8860-4400	5/16	9/16	1/8	42	100
8860-4430	3/8	1/2	1/16	22	100
8860-4435	3/8	9/16	3/32	32	100
8860-4440	3/8	5/8	1/8	40	100
8860-4505	1/2	5/8	1/16	20	100
8860-4510	1/2	11/16	3/32	26	100
8860-4515	1/2	3/4	1/8	30	100
8860-4570	5/8	7/8	1/8	26	100
8860-2605	3/4	1	1/8	22	50
8860-2675	1	1-1/4	1/8	18	50
8860-2685	1	1-3/8	3/16	26	50
8860-2690	1	1-1/2	1/4	34	50
8860-2715	1-1/4	1-5/8	3/16	22	50
8860-2755	1-1/2	2	1/4	24	50
8860-2790	2	2-1/2	1/4	18	50

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