Finger Lakes Extrusion
Flexible Solutions in Plastics

FLEX™ GP70 GP70B

The FLEX™ GP70 / GP70B product lines are made from our most economical industrial grade PVC. Even though this is an industrial grade PVC, it is still FDA approved for food contact and contains no fillers.

FLEX™ GP70 PVC Tubing - Clear

- Clear and flexible
- General-purpose chemical transfer and other applications not subject to regulatory requirements
- Suitable for use with foods and beverages
- Handles a broad range of chemicals, gases and liquids

FLEX™ GP70B PVC Tubing - Black

Has all the benefits of FLEX™ GP70 tubing with the following:

- More resistant to UV exposure than clear tubing
- Does not promote algae growth

Typical Applications

FLEX™ GP70 - Clear

- Fluid transfer not subject to regulatory requirements
- Suitable for use with foods and beverages
- Handles broad range of chemicals, gases and liquids
- General purpose chemical transfer

FLEX™ GP70 - Black

- Outdoor applications
- Light sensitive media
- Color coding of processing lines
- Secondary containment of other lines

Specifications

All FLEX™ GP70 / GP70B tubing products offer the following:

- Meets the U.S. Dept. of Agriculture acceptance standards for contact with meat and poultry food products
- 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, 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 RoHS and REACH standards, does not contain any substances listed on Proposition 65
- Meets UL94 HB/V-I Requirements
- Does not contain any PFAS ingredients or any ingredients listed under the EPA TSCA Act

2437 Route 21, Canandaigua, NY 14424
(585) 905-0632 · sales@flextubing.com · flextubing.com

Chemical Resistance

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

Physical Properties

Properties	ASTM Method	Value Rating
Hardness; Shore A (+/- 5)	D2240	70
Vacuum		Not Recommended
Operating temperature range		-10° - 175° F -23° - 82°C
Maximum Working Pressure		73°F / 46PSI 125°F / 23PSI
Testing Size		1/4"ID x 1/16"W
Color		Crystal Clear / Black
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

FLEX™ GP70B Size Chart

Catalog Number	Id (in)	Od (in)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8242-4170	1/16	1/8	1/32	66	100
8242-4220	3/32	5/32	1/32	56	100
8242-4235	3/32	7/32	1/16	64	100
8242-4245	1/8	1/4	1/16	68	100
8242-4275	5/32	9/32	1/16	60	100
8242-4290	3/16	1/4	1/32	34	100
8242-4295	3/16	5/16	1/16	54	100
8242-4300	3/16	3/8	3/32	70	100
8242-4335	1/4	3/8	1/16	46	100
8242-4340	1/4	7/16	3/32	58	100
8242-4345	1/4	1/2	1/8	70	100
8242-4390	5/16	7/16	1/16	40	100
8242-4430	3/8	1/2	1/16	34	100
8242-4440	3/8	5/8	1/8	58	100
8242-4505	1/2	5/8	1/16	28	100
8242-4515	1/2	3/4	1/8	44	100
8242-4570	5/8	7/8	1/8	38	100
8242-2605	3/4	1	1/8	34	50
8242-2675	1	1-1/4	1/8	28	50
8242-2755	1-1/2	2	1/4	36	50
8242-2790	2	2-1/2	1/4	28	50
8242-2815	2-1/2	3	1/4	22	50
8242-0840	3	3-1/2	1/4	20	10

FLEX™ GB70 Size Chart

Catalog Number	Id (in)	Od (in)	Wall	Operating Pressure PSIG °F	Case Qty. Ft.
8200-4170	1/16	1/8	1/32	66	100
8200-4220	3/32	5/32	1/32	56	100
8200-4235	3/32	7/32	1/16	64	100
8200-4240	1/8	3/16	1/32	46	100
8200-4245	1/8	1/4	1/16	68	100
8200-4275	5/32	9/32	1/16	60	100
8200-4290	3/16	1/4	1/32	34	100
8200-4295	3/16	5/16	1/16	54	100
8200-4300	3/16	3/8	3/32	70	100
8200-4305	3/16	7/16	1/8	80	100
8200-4330	1/4	5/16	1/32	28	100
8200-4335	1/4	3/8	1/16	46	100
8200-4340	1/4	7/16	3/32	58	100
8200-4345	1/4	1/2	1/8	70	100
8200-4390	5/16	7/16	1/16	40	100
8200-4395	5/16	1/2	3/32	52	100
8200-4400	5/16	9/16	1/8	62	100
8200-4430	3/8	1/2	1/16	34	100
8200-4435	3/8	9/16	3/32	48	100
8200-4440	3/8	5/8	1/8	58	100
8200-4463	7/16	9/16	1/16	30	100
8200-4505	1/2	5/8	1/16	28	100
8200-4510	1/2	11/16	3/32	38	100
8200-4515	1/2	3/4	1/8	44	100
8200-4540	9/16	3/4	3/32	36	100
8200-4560	5/8	3/4	1/16	24	100
8200-4565	5/8	13/16	3/32	34	100
8200-4570	5/8	7/8	1/8	38	100
8200-2600	3/4	7/8	1/16	20	50
8200-2605	3/4	1	1/8	34	50
8200-4605	3/4	1	1/8	34	100
8200-2615	3/4	1-1/8	3/16	48	50
8200-2640	7/8	1-1/8	1/8	30	50
8200-2675	1	1-1/4	1/8	28	50
8200-4675	1	1-1/4	1/8	28	100
8200-2685	1	1-3/8	3/16	38	50
8200-2690	1	1-1/2	1/4	44	50
8200-2710	1-1/4	1-1/2	1/8	24	50
8200-2715	1-1/4	1-5/8	3/16	34	50
8200-2720	1-1/4	1-3/4	1/4	40	50
8200-2745	1-1/2	1-3/4	1/8	18	50
8200-2750	1-1/2	1-7/8	3/16	28	50
8200-2755	1-1/2	2	1/4	36	50
8200-2790	2	2-1/2	1/4	28	50
8200-2805	2-1/4	2-3/4	1/4	24	50
8200-2815	2-1/2	3	1/4	22	50
8200-0840	3	3-1/2	1/4	20	10

* 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.

2437 Route 21, Canandaigua, NY 14424
(585) 905-0632 · sales@flextubing.com · flextubing.com