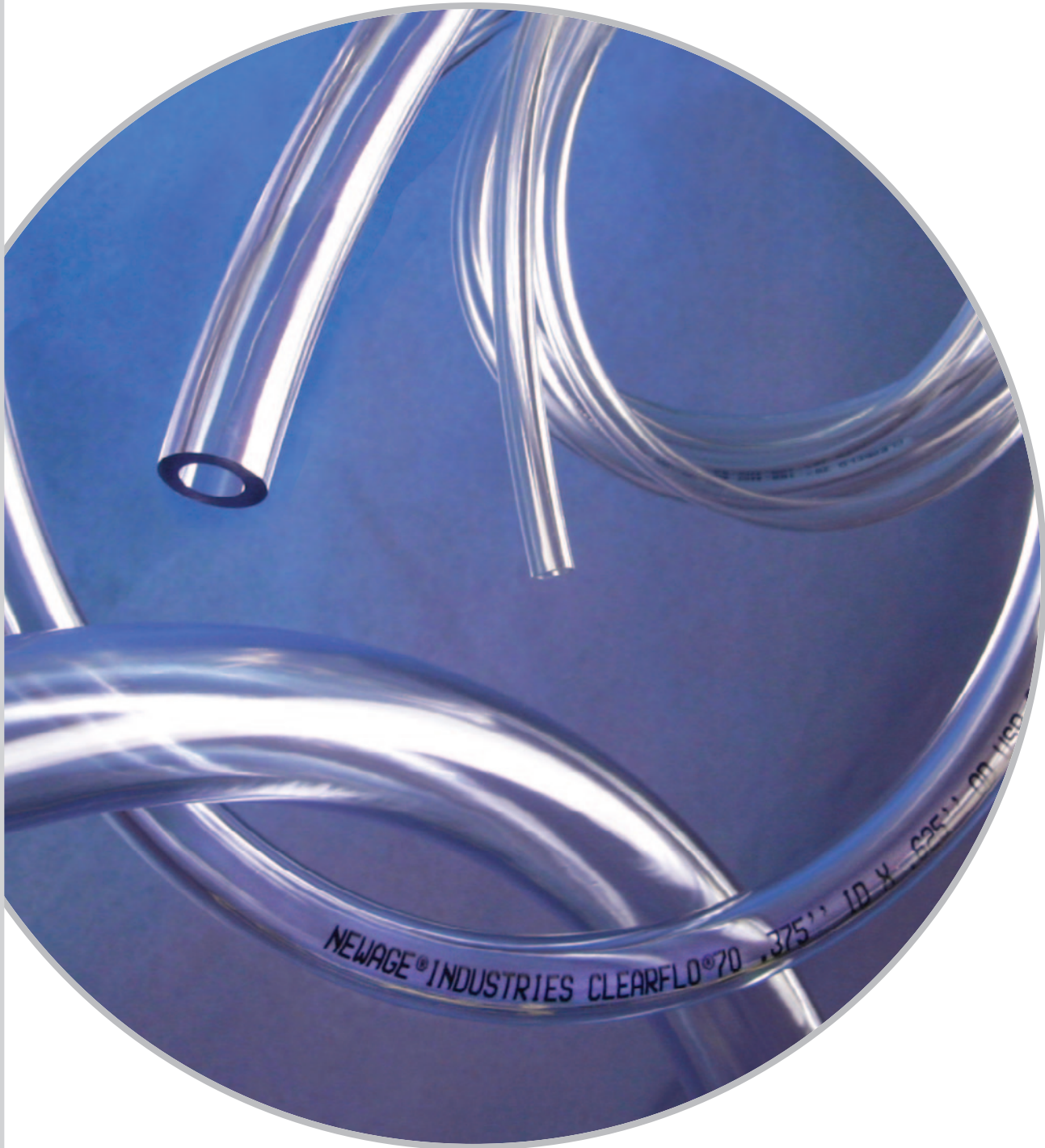


Clearflo® 70

Clear, Phthalate Free PVC Tubing



Fluid Transfer Specialists®

ESOP Employee Owned
for Your Benefit

Clear, Phthalate Free PVC Tubing



Clearflo 70 phthalate-free PVC tubing was developed in response to customers' interest in fluid transfer products that do not contain leachable phthalates, DEHP (Di-2-ethylhexyl phthalate) or BPA (bisphenol A). Clearflo 70 is an ideal tubing solution for brewing and other beverage applications.

- Phthalate, DEHP and BPA free
- Raw materials meet California Proposition 65
- Finished product meets USP Class VI requirements
- Made from non-toxic ingredients conforming to FDA standards
- Listed by the National Sanitation Foundation for food equipment materials (NSF-51)
- Glass-like clarity lets users see fluid flow
- Mirror-smooth surfaces provide outstanding flow characteristics
- Lightweight yet tough and abrasion resistant
- As flexible as rubber
- Handles a wide variety of chemicals, gases, and liquids
- Well suited for food and beverage applications including non-fatty aqueous, milk and alcoholic beverages (less than or equal to 15% ABV)*
- Raw material meets UL94 HB burn rating
- REACH and RoHS compliant
- Replaces original Clearflo tubing with 68 Shore A hardness

Notes

CLEARFLO 70 is generally unaffected by most oxidizing and reducing agents. Diluted acids and alkalis have little effect, though if highly concentrated they tend to make the tubing less pliable. If chemical resistance is of major concern, in-plant tests are suggested.

In clean applications, CLEARFLO 70's smooth surface prevents lodging of bacteria and sediment buildup. It is easily drained and flushed clean with most available cleaning and sanitizing agents.

Physical Properties**

Hardness, Shore A ± 3 †	70
Tensile Strength, psi	2000
Elongation at Break, %	400
Brittle Temperature, °F	-41
Maximum Operating Temp., °F	175

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

†Measured on a 15 second delay



Recommended Fittings & Clamps

- Cam operated couplings
- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

Custom Services

- Cut
- Color
- Hot Bond
- Hardness
- Size
- Overbraid
- Heat-Form
- And More

Call for more information: 800-506-3924 or 215-526-2300

*See <https://info.nsf.org/Certified/Food/Listings.asp?Company=33310&Standard=051> for further details regarding milk.

Clear, Phthalate Free PVC Tubing

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)	WORKING PSI AT 70°F	LBS. PER 100 FT.
113 0008	1/16	1/8	1/32	500	140	.47
113 0029	3/32	5/32	1/32	500	105	.62
113 0050	1/8	3/16	1/32	500	85	.79
113 0071	1/8	1/4	1/16	100, 500	141	1.9
113 0092	5/32	7/32	1/32	500	71	.95
113 0113	5/32	11/32	3/32	100	159	3.8
113 0134	3/16	1/4	1/32	100	53	1.1
113 0155	3/16	5/16	1/16	100, 500	106	2.5
113 0183	3/16	3/8	3/32	100	141	4.2
113 0204	3/16	7/16	1/8	100	169	6.3
113 0225	1/4	3/8	1/16	50, 100, 500	85	3.1
113 0253	1/4	7/16	3/32	100	116	5.2
113 0281	1/4	1/2	1/8	100	141	7.5
113 0302*	5/16	7/16	1/16	100, 500*	71	3.8
113 0323	5/16	1/2	3/32	100	97	6.1
113 0344	5/16	9/16	1/8	100	121	8.8
113 0365	3/8	1/2	1/16	100, 500	70	4.4
113 0386	3/8	9/16	3/32	100	90	7.1
113 0407	3/8	5/8	1/8	50, 100	111	10.0
113 0428	3/8	3/4	3/16	100	141	17.0
113 0449	7/16	9/16	1/16	100	53	5.0
113 0477	7/16	11/16	1/8	100	94	11.3
113 0498	1/2	5/8	1/16	100, 500	52	5.7
113 0519	1/2	11/16	3/32	100	67	9.0
113 0547	1/2	3/4	1/8	50, 100	85	12.6
113 0575	1/2	1	1/4	100	141	30.1
113 0596	9/16	3/4	3/32	100	60	9.9
113 0624	5/8	3/4	1/16	100	39	6.9
113 0645	5/8	13/16	3/32	100	55	10.9
113 0666	5/8	7/8	1/8	100, 300	71	15.1
113 0687	5/8	15/16	5/32	100	85	19.7
113 0708	3/4	7/8	1/16	100	33	8.2
113 0729	3/4	1	1/8	50, 100, 300	61	17.6
113 0750	3/4	1-1/16	5/32	100	73	22.8
113 0771	3/4	1-1/8	3/16	100	85	28.3
113 0792	3/4	1-1/4	1/4	100	106	40.2
113 0813	7/8	1-1/8	1/8	100	53	20.1
113 0834	1	1-1/4	1/8	50, 100	42	22.6
113 0862	1	1-3/8	3/16	100	67	35.8
113 0883	1	1-1/2	1/4	100	85	50.2
113 0911	1-1/4	1-1/2	1/8	50, 100	39	27.6
113 0932	1-1/4	1-5/8	3/16	50, 100	77	43.3
113 0953	1-1/4	1-3/4	1/4	50	71	60.3
113 0974	1-1/2	1-3/4	1/8	50, 100	33	32.7
113 0995	1-1/2	1-7/8	3/16	25, 50, 100	47	50.9
113 1037	1-1/2	2	1/4	50	61	70.3
113 1058	1-3/4	2	1/8	50	28	37.7
113 1079	1-3/4	2-1/4	1/4	50	53	80.4
113 1100	2	2-1/4	1/8	50	25	42.7
113 1121	2	2-1/2	1/4	50	47	90.4
113 1142*	2-1/4	2-3/4	1/4	50	67	100.5
113 1163*	2-1/2	3	1/4	50	33	110.5
113 1184*	3	3-1/2	1/4	50	33	130.6
113 1205*	4	4-3/4	3/8	25, 50	36	263.7

Add length suffix to part number when ordering. Example: 100 ft. of 1" I.D. x 1-1/4" O.D. tubing is part number 113 0834-100. Working pressures are calculated from burst pressures using a 3:1 safety factor. Application testing is recommended. Cut coils are available from coils of 100 ft. or less; charges apply — call for details. Coils over 100 ft. are sold by standard coil length only.

BOLD indicates the critical dimension for fittings application.

CF = Consult Factory

*Limited stock item or length; lead times and minimums may apply — call for details.



Thermobarb® Plastic Plastic Barbed Fittings in Four Materials

- Precision molded in nylon-6, high density polyethylene, PVDF, polypropylene, glass-fiber reinforced nylon, or glass-fiber reinforced polypropylene
- Lightweight, compact, easy to install and disconnect
- High impact strength
- Excellent chemical resistance



Thermobarb® Brass Brass Barbed Fittings

- Formed of forged and/or machined brass
- Tapered pipe threads are made to Dryseal USA specifications
- An industrial standard — use in all general purpose applications
- May be used in potable water systems



Cam-Operated Couplings Two Plastic Materials

- Choose from nylon or polypropylene, both glass-fiber reinforced
- Much lighter weight than metal counterparts
- Electrically non-conductive
- Made to MIL-C-27487 dimensions — fully interchangeable with other materials made to the same standards regardless of material

Request a PVC catalog

Inside you'll find details on all of NewAge Industries' PVC products. Catalogs for polyurethane, silicone, fluoropolymer, rubber, and semi-rigid tubing and hose are available, as well as barbed fittings and clamps, push-to-connect fittings, and custom products. Contact your NewAge Industries' sales representative or local distributor to request a copy of the catalog you need, or visit www.newageindustries.com.



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