



# PROFESSIONAL PLASTICS

## Clearflo®

### Clear PVC Tubing

CLEARFLO 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's smooth surface prevents lodging of bacteria and sediment buildup. It is easily drained and flushed clean with most available cleaning and sanitizing agents. CLEARFLO may be autoclaved at 20 lbs. steam pressure for 15 minutes.

Transparent yellow CLEARFLO FUEL & OIL was created to extend the working life of PVC tubing in fuel and oil applications. Gasoline and oils harden standard PVC over periods of intermittent use, but CLEARFLO FUEL & OIL is specially formulated to prevent hardening.

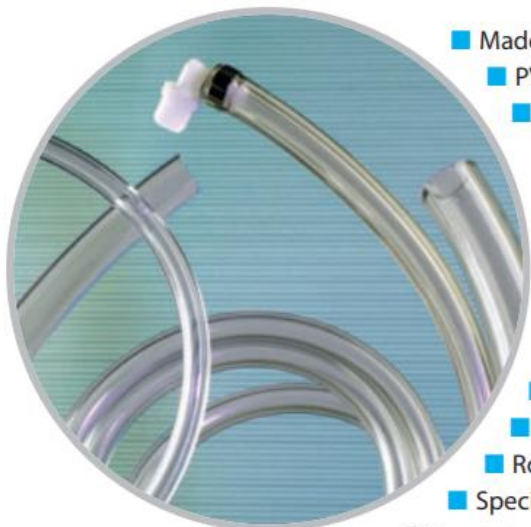
#### Physical Properties\*\*

	Fuel & Oil	Clear
Hardness, Shore A $\pm 5$	62	68
Tensile Strength, psi	1980	1900
Elongation at Break, %	730	400
Brittle Temperature, °F	-20	-41
Maximum Operating Temp., °F	175	175
Max. Operating Temp. for NSF, °F	n/a	120

\*\*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.



### Clear PVC Tubing



- Made from non-toxic ingredients conforming to FDA standards\*
- PVC compound meets USP Class VI requirements\*
- Listed by the National Sanitation Foundation (NSF-51) for food equipment materials\*
  - BPA free
  - Glass-like clarity\* with mirror-smooth surface provides outstanding flow characteristics
  - Does not impart a taste or odor\*
  - Lightweight yet tough and abrasion resistant
  - As flexible as rubber
- Handles a wide variety of chemicals, gases, and liquids
- Raw material meets UL94 HB burn rating
- RoHS compliant
- Special Fuel & Oil grade available



\*Clear only

**CLEARFLO** – Clear

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)	WORKING PSI AT 70°F	LBS. PER 100 FT.
110 0071	1/16	1/8	1/32	500	33	.51
110 0225	3/32	5/32	1/32	500	42	.68
110 0379	1/8	3/16	1/32	500	44	.85
110 0456	1/8	1/4	1/16	100, 500	68	2.10
110 0841	3/16	1/4	1/32	100	33	1.2
110 0918	3/16	5/16	1/16	100, 500	55	2.7
110 0995	3/16	3/8	3/32	100	70	4.6
110 1149	1/4	3/8	1/16	50, 100, 500	55	3.4
110 1226	1/4	7/16	3/32	100	60	5.7
110 1303	1/4	1/2	1/8	100	70	8.3
110 1380	5/16	7/16	1/16	100, 500	50	4.2
110 1457	5/16	1/2	3/32	100	60	6.8
110 1534	5/16	9/16	1/8	100	70	9.7
110 1611	3/8	1/2	1/16	100, 500	40	4.8
110 1688	3/8	9/16	3/32	100	50	7.8
110 1765	3/8	5/8	1/8	100	65	11.1
110 1842	3/8	3/4	3/16	100	66	18.7
110 2150	7/16	11/16	1/8	100	50	12.5
110 2227	1/2	5/8	1/16	100, 500	30	6.2
110 2304	1/2	11/16	3/32	100	40	9.9
110 2381	1/2	3/4	1/8	100	45	13.9
110 2689	9/16	3/4	3/32	100	40	11.0
110 2920	5/8	3/4	1/16	100	20	7.6
110 2997	5/8	13/16	3/32	100	35	12.0
110 3074	5/8	7/8	1/8	50, 100	40	16.6
110 3151	5/8	15/16	5/32	100	50	21.7
110 3536	3/4	7/8	1/16	100	19	9.0
110 3613	3/4	1	1/8	100	35	19.4
110 3690	3/4	1-1/16	5/32	100	40	25.1
110 3767	3/4	1-1/8	3/16	100	44	31.2
110 3844	3/4	1-1/4	1/4	100	44	44.3
110 3921	7/8	1-1/8	1/8	100	30	22.1
110 4152	1	1-1/4	1/8	100	28	25.0
110 4306	1	1-3/8	3/16	100	45	39.4
110 4383	1	1-1/2	1/4	100	50	55.0
110 4691	1-1/4	1-1/2	1/8	100	22	30.5
110 4768	1-1/4	1-5/8	3/16	100	31	47.8
110 4845	1-1/4	1-3/4	1/4	50	45	66.5
110 4999	1-1/2	1-3/4	1/8	100	19	36.0
110 5076	1-1/2	1-7/8	3/16	50, 100	26	56.1
110 5153	1-1/2	2	1/4	50	40	77.5
110 5307	1-3/4	2	1/8	50	16	41.5
110 5384	1-3/4	2-1/4	1/4	50	29	80.0
110 5461	2	2-1/4	1/8	50	14	47.1
110 5615	2	2-1/2	1/4	50	35	99.7
110 5769	2-1/4	2-3/4	1/4	50	24	111.0
110 5846	2-1/2	3	1/4	50	22	122.0
110 5923	3	3-1/2	1/4	50	19	144.0
110 6077	4	4-3/4	3/8	50	21	300.0

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 110 4152-100. Working pressures are calculated from burst testing using a 4:1 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.



**Recommended Fittings & Clamps**

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

**Order Online:** [https://www.professionalplastics.com/CLEARFLO Tubing NewAge](https://www.professionalplastics.com/CLEARFLO_Tubing_NewAge)

**E-Mail:** [sales@proplas.com](mailto:sales@proplas.com)

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