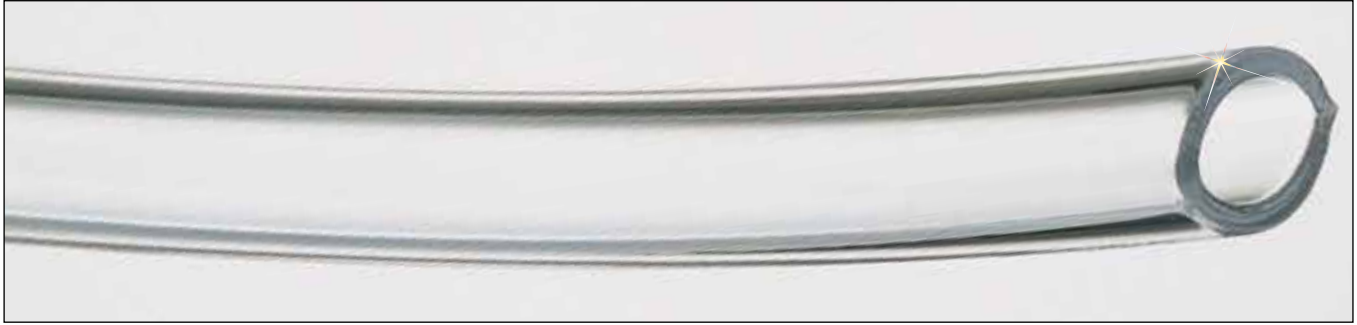


# OMEGAFLEX® VINYL TUBING



## TYVY-3814-50



By Individual  
Model No.†

Vinyl tubing is clear and flexible providing an economical means of fluid transfer in a variety of applications. Intermittent exposure to hydrocarbons, such as gasoline, kerosene, diesel fuel, etc. will cause premature hardening and failure of the tubing.

### SPECIFICATIONS\*

**Hardness, Shore A ±5:** 68  
**Specific Gravity:** 1.20  
**Tensile Strength, psi:** 2000  
**Elongation at Break:** 400%  
**Brittle Temperature:** -40°C (-40°F)  
**Maximum Operating Temperature:** 80°C (175°F)  
**Minimum Bend Radius:**

## To Order

### 1/8 to 3/4" OD TUBING

Model No.	Standard Length (ft)	Wall (inch)	OD (inch)	ID (inch)	Working psi at 68°F	lbs/100 ft
TYVY-18116-500	500	1/32	1/8	1/16	33	0.51
TYVY-532332-500	500	1/32	5/32	3/32	42	0.68
TYVY-170120-200	200	0.025	0.17	120	15	0.64
TYVY-31618-500	500	1/32	3/16	1/8	44	0.85
TYVY-1418-100	100	1/16	1/4	1/8	68	2.10
TYVY-1132532-100	100	3/32	1 1/32	5/32	73	4.10
TYVY-14170-100	100	0.04	1/4	170	42	1.50
TYVY-14316-100	100	1/32	1/4	3/16	33	1.20
TYVY-516316-100	100	1/16	5/16	3/16	55	2.70
TYVY-38316-100	100	3/32	3/8	3/16	70	4.60
TYVY-716316-50	100	1/8	7/16	3/16	80	6.90
TYVY-716316-100	100	1/8	7/16	3/16	80	6.90
TYVY-3814-50	50	1/16	3/8	1/4	55	3.40
TYVY-3814-100	100	1/16	3/8	1/4	55	3.40
TYVY-71614-100	100	3/32	7/16	1/4	60	5.70
TYVY-1214-100	100	1/8	1/2	1/4	70	8.30
TYVY-716516-100	100	1/16	7/16	5/16	50	4.20
TYVY-12516-100	100	3/32	1/2	5/16	60	6.80
TYVY-916516-100	100	1/8	9/16	5/16	70	9.70
TYVY-1238-100	100	1/16	1/2	3/8	40	4.80
TYVY-91638-100	100	3/32	9/16	3/8	50	7.80
TYVY-5838-100	100	1/8	5/8	3/8	65	11.10
TYVY-3438-100	100	3/16	3/4	3/8	66	18.70
TYVY-916716-100	100	1/16	9/16	7/16	40	5.50
TYVY-116716-100	100	1/8	1 1/16	7/16	50	12.50
TYVY-5812-100	100	1/16	5/8	1/2	30	6.20

\*Specifications shown are typical and meant only as a guide. Field testing is recommended to find the actual values in the given application.

† Visit [omega.com/rohs](http://omega.com/rohs) to determine specific RoHS compliance.

**Note:** The listed working pressures are based on short term burst using a 4 to 1 safety factor.

**Ordering Example:** TYVY-3438-100, 100' of tubing, 3/16" wall, 3/4" OD, 3/8" ID.

# OMEGAFLEX® VINYL TUBING



## To Order

1<sup>1</sup>/<sub>16</sub> to 4<sup>3</sup>/<sub>4</sub>" OD TUBING

Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	Working psi at 68°F	lbs/100 ft
TYVY-111612-100	100	3/32	1 <sup>1</sup> / <sub>16</sub>	1/2	40	9.90
TYVY-3412-100	100	1/8	3/4	1/2	45	13.90
TYVY-34916-100	100	3/32	3/4	9/16	40	11.00
TYVY-3458-100	100	1/16	3/4	5/8	48	7.60
TYVY-131658-100	100	3/32	1 <sup>3</sup> / <sub>16</sub>	5/8	35	12.00
TYVY-7858-50	50	1/8	7/8	5/8	40	16.60
TYVY-7858-100	100	1/8	7/8	5/8	40	16.60
TYVY-7834-100	100	1/16	7/8	3/4	19	9.00
TYVY-134-50	50	1/8	1	3/4	35	19.40
TYVY-134-100	100	1/8	1	3/4	35	19.40
TYVY-11834-100	100	3/16	1 <sup>1</sup> / <sub>8</sub>	3/4	44	31.20
TYVY-11434-100	100	1/4	1 <sup>1</sup> / <sub>4</sub>	3/4	44	44.30
TYVY-11878-50	50	1/8	1 <sup>1</sup> / <sub>8</sub>	7/8	30	22.10
TYVY-11878-100	100	1/8	1 <sup>1</sup> / <sub>8</sub>	7/8	30	22.10
TYVY-1141-100	100	1/8	1 <sup>1</sup> / <sub>4</sub>	1	28	25.00
TYVY-1381-100	100	3/16	1 <sup>3</sup> / <sub>8</sub>	1	45	39.40
TYVY-1121-50	50	1/4	1 <sup>1</sup> / <sub>2</sub>	1	50	55.00
TYVY-1121-100	100	1/4	1 <sup>1</sup> / <sub>2</sub>	1	50	55.00
TYVY-112114-100	100	1/8	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	22	30.50
TYVY-158114-50	50	3/16	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	31	47.80
TYVY-158114-100	100	3/16	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	31	47.80
TYVY-134114-50	50	1/4	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	45	66.50
TYVY-134112-100	100	1/8	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	19	36.00
TYVY-178112-100	100	3/16	1 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	26	56.10
TYVY-2112-50	50	1/8	2	1 <sup>1</sup> / <sub>2</sub>	40	77.50
TYVY-2134-50	50	1/8	2	1 <sup>3</sup> / <sub>4</sub>	16	41.50
TYVY-214134-50	50	1/4	2 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	29	80.00
TYVY-2142-50	50	1/8	2 <sup>1</sup> / <sub>4</sub>	2	14	47.10
TYVY-2122-50	50	1/4	2 <sup>1</sup> / <sub>2</sub>	2	35	99.70
TYVY-234214-50	50	1/4	2 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	24	111.00
TYVY-3212-50	50	1/4	3	2 <sup>1</sup> / <sub>2</sub>	22	122.00
TYVY-3123-50	50	1/4	3 <sup>1</sup> / <sub>2</sub>	3	19	144.00
TYVY-4344-50	50	3/8	4 <sup>3</sup> / <sub>4</sub>	4	21	300.00

Ordering Example: TYVY-1121-100, 100' of tubing, 1/4" wall, 1<sup>1</sup>/<sub>2</sub>" OD, 1" ID.

Stainless steel overbraided, coiled, and other specialty tubing available! Contact OMEGA's Flow Engineering Department.

