

# OMEGAFLEX® VINYL TUBING



TYVY-3814-50  
**\$15**  
Basic 50' Spool



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  $\pm 5$ : 68

Specific Gravity: 1.20

Tensile Strength, psi: 2000

Elongation at Break: 400%

Brittle Temperature:  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ )

Maximum Operating Temperature:  
 $80^{\circ}\text{C}$  ( $175^{\circ}\text{F}$ )

Minimum Bend Radius:

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

1/8 to 3/4" OD TUBING

Model No.	Price	Std Length (ft)	Wall (in)	OD (in)	ID (in)	Working psi at 68°F	lbs/100 ft
TYVY-18116-500	\$45	500	1/32	1/8	1/16	33	0.51
TYVY-532332-500	45	500	1/32	5/32	3/32	42	0.68
TYVY-170120-200	20	200	0.025	0.17	120	15	0.64
TYVY-31618-500	65	500	1/32	3/16	1/8	44	0.85
TYVY-1418-100	15	100	1/16	1/4	1/8	68	2.10
TYVY-1132532-100	35	100	3/32	1 1/32	3/32	73	4.10
TYVY-14170-100	15	100	0.04	1/4	170	42	1.50
TYVY-14316-100	20	100	1/32	1/4	3/16	33	1.20
TYVY-516316-100	20	100	1/16	3/16	3/16	55	2.70
TYVY-38316-100	35	100	3/32	3/8	3/16	70	4.60
TYVY-716316-50	15	100	1/8	7/16	3/16	80	6.90
TYVY-716316-100	30	100	1/8	7/16	3/16	80	6.90
TYVY-3814-50	15	50	1/16	3/8	1/4	55	3.40
TYVY-3814-100	25	100	1/16	3/8	1/4	55	3.40
TYVY-71614-100	35	100	3/32	7/16	1/4	60	5.70
TYVY-1214-100	60	100	1/8	1/2	1/4	70	8.30
TYVY-716516-100	30	100	1/16	7/16	3/16	50	4.20
TYVY-12516-100	45	100	3/32	1/2	3/16	60	6.80
TYVY-916516-100	60	100	1/8	3/4	3/16	70	9.70
TYVY-1238-100	35	100	1/16	1/2	3/8	40	4.80
TYVY-91638-100	55	100	3/32	3/4	3/8	50	7.80
TYVY-5838-100	70	100	1/8	5/8	3/8	65	11.10
TYVY-3438-100	195	100	3/16	3/4	3/8	66	18.70
TYVY-916716-100	40	100	1/16	3/4	7/16	40	5.50
TYVY-116716-100	95	100	1/8	1 1/16	7/16	50	12.50
TYVY-5812-100	45	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, \$195.

# OMEGAFLEX® VINYL TUBING




**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)							
1/16" to 4 3/4" OD TUBING							
Model No.	Price	Std Length (ft)	Wall (in)	OD (in)	ID (in)	Working psi at 68°F	lbs/100 ft
TYVY-111612-100	\$75	100	3/32	1 1/16	1/2	40	9.90
TYVY-3412-100	85	100	1/8	3/4	1/2	45	13.90
TYVY-34916-100	75	100	3/32	3/4	9/16	40	11.00
TYVY-3458-100	60	100	1/16	3/4	5/8	48	7.60
TYVY-131658-100	80	100	3/32	19/16	5/8	35	12.00
TYVY-7858-50	55	50	1/8	7/8	5/8	40	16.60
TYVY-7858-100	105	100	1/8	7/8	5/8	40	16.60
TYVY-7834-100	105	100	1/16	7/8	3/4	19	9.00
TYVY-134-50	65	50	1/8	1	3/4	35	19.40
TYVY-134-100	120	100	1/8	1	3/4	35	19.40
TYVY-11834-100	235	100	3/16	1 1/8	3/4	44	31.20
TYVY-11434-100	345	100	1/4	1 1/4	3/4	44	44.30
TYVY-11878-50	75	50	1/8	1 1/8	7/8	30	22.10
TYVY-11878-100	145	100	1/8	1 1/8	7/8	30	22.10
TYVY-1141-100	175	100	1/8	1 1/4	1	28	25.00
TYVY-1381-100	245	100	3/16	1 1/8	1	45	39.40
TYVY-1121-50	123	50	1/4	1 1/2	1	50	55.00
TYVY-1121-100	345	100	1/4	1 1/2	1	50	55.00
TYVY-112114-100	245	100	1/8	1 1/2	1 1/4	22	30.50
TYVY-158114-50	195	50	3/16	1 5/8	1 1/4	31	47.80
TYVY-158114-100	375	100	3/16	1 5/8	1 1/4	31	47.80
TYVY-134114-50	195	50	1/4	1 3/4	1 1/4	45	66.50
TYVY-134112-100	375	100	1/8	1 3/4	1 1/2	19	36.00
TYVY-178112-100	425	100	3/16	1 7/8	1 1/2	26	56.10
TYVY-2112-50	240	50	1/8	2	1 1/2	40	77.50
TYVY-2134-50	215	50	1/8	2	1 3/4	16	41.50
TYVY-214134-50	325	50	1/4	2 1/4	1 3/4	29	80.00
TYVY-2142-50	245	50	1/8	2 1/4	2	14	47.10
TYVY-2122-50	345	50	1/4	2 1/2	2	35	99.70
TYVY-234214-50	375	50	1/4	2 3/4	2 1/4	24	111.00
TYVY-3212-50	425	50	1/4	3	2 1/2	22	122.00
TYVY-3123-50	495	50	1/4	3 1/2	3	19	144.00
TYVY-4344-50	2500	50	3/8	4 3/4	4	21	300.00

Ordering Example: TYVY-1121-100, 100' of tubing, 1/4" wall, 1 1/2" OD, 1" ID, \$345.

## Accessory

Model No.	Price	Description
FW-307	\$125	Reference Book: Handbook of Industrial Chemicals 

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





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