

OMEGAFLEX®

# SANTOPRENE FLEXIBLE RUBBER TUBING

TYSP6-316116-50

**\$20**



Basic 50' Spool



- ✓ Broad Operating Temp. Range -59 to 135°C (-75 to 275°F)
- ✓ Available in Shore A Hardness of 55, 64 and 73
- ✓ Suitable for Many Peristaltic Pumps

Santoprene thermoplastic rubber tubing is offered with Shore A hardness of 55A (TYSP5), 64A (TYSP6), and 73A (TYSP7). The tubing resists fatigue. The regular black santoprene also resists exposure to ozone and ultraviolet radiation.

## SPECIFICATIONS\*\*

	TYSP5	TYSP6	TYSP7
Hardness, Shore A	55A	64A	73A
Specific Gravity	0.97	0.97	0.97
Tensile Strength, PSI	640	950	1,100
Elongation at Break, %	330	400	410
Heat Distortion Temp.	135°C (275°F)	135°C (275°F)	135°C (275°F)
Low Temp. Flexibility	Below 60°C (140°F)		

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

1/8 to 1/2" ID TUBING

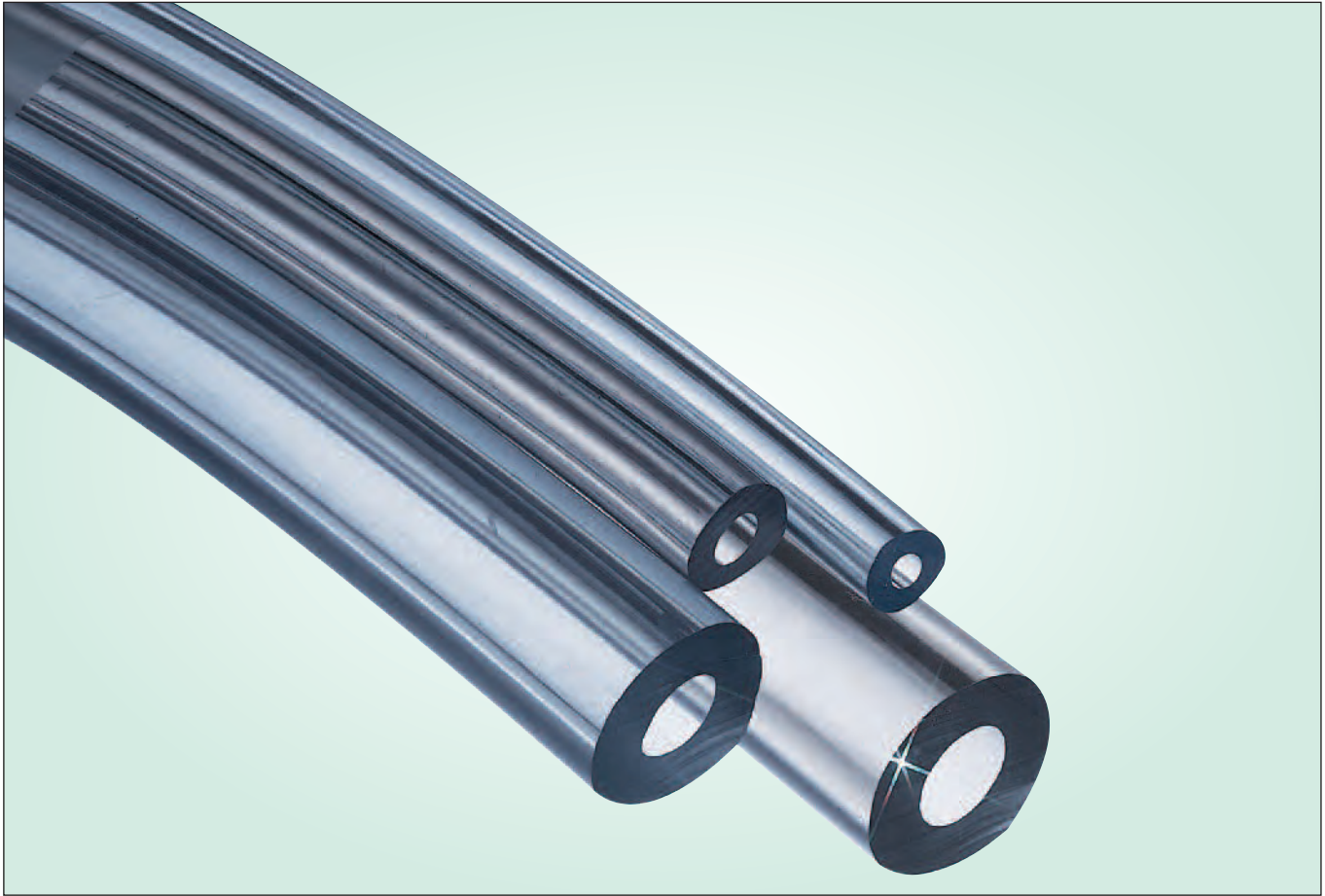
Regular Tubing (Black)				FDA Approved Tubing (Tan)				Dimensions (inches)		
Model No.	55A	64A	73A	Model No.	55A	64A	73A	ID x OD	Wall	
TYSP(*)-18116-50	\$15	-	-	TYSP(*)F-18116-50	\$20	\$25	\$30	1/16 1/8	1/32	
TYSP(*)-316116-50	-	\$20	\$25	TYSP(*)F-316116-50	-	25	30	1/16 3/16	1/16	
TYSP(*)-1418-50	-	20	25	TYSP(*)F-1418-50	-	25	30	1/8 1/4	1/16	
TYSP(*)-3818-50	-	35	-	TYSP(*)F-3818-50	30	-	45	1/8 3/8	1/8	
TYSP(*)-516316-50	20	25	30	TYSP(*)F-516316-50	-	30	35	3/16 5/16	1/16	
TYSP(*)-12316-50	-	-	-	TYSP(*)F-12316-50	40	-	-	3/16 1/2	3/32	
TYSP(*)-38316-50	-	30	-	TYSP(*)F-38316-50	-	35	45	3/16 3/8	3/32	
TYSP(*)-916316-50	50	60	-	TYSP(*)F-916316-50	60	-	90	3/16 9/16	3/16	
TYSP(*)-3814-50	-	25	30	TYSP(*)F-3814-50	-	30	35	1/4 3/8	1/16	
TYSP(*)-71614-50	25	30	-	TYSP(*)F-71614-50	-	-	45	1/4 7/16	3/32	
TYSP(*)-1214-50	40	50	60	TYSP(*)F-1214-50	-	65	70	1/4 1/2	1/8	
TYSP(*)-5814-50	65	70	85	TYSP(*)F-5814-50	-	-	105	1/4 5/8	3/16	
TYSP(*)-716516-50	-	30	35	TYSP(*)F-716516-50	-	35	40	5/16 7/16	1/16	
TYSP(*)-12516-50	-	40	-	TYSP(*)F-12516-50	-	-	50	5/16 1/2	3/32	
TYSP(*)-1316516-50	-	145	-	TYSP(*)F-1316516-50	-	-	165	5/16 13/16	1/4	
TYSP(*)-1238-50	-	30	35	TYSP(*)F-1238-50	30	35	40	3/8 1/2	1/16	
TYSP(*)-91638-50	-	50	-	TYSP(*)F-91638-50	45	-	60	3/8 9/16	3/32	
TYSP(*)-5838-50	-	75	80	TYSP(*)F-5838-50	60	85	90	3/8 5/8	1/8	
TYSP(*)-138-50	-	-	-	TYSP(*)F-138-50	-	-	265	3/8 1	5/16	
TYSP(*)-916716-50	-	35	40	TYSP(*)F-916716-50	-	-	50	7/16 9/16	1/16	
TYSP(*)-5812-50	-	40	-	TYSP(*)F-5812-50	-	45	50	1/2 5/8	1/16	
TYSP(*)-111612-50	-	60	80	TYSP(*)F-111612-50	-	-	90	1/2 11/16	3/32	
TYSP(*)-3412-50	-	95	145	TYSP(*)F-3412-50	-	100	150	1/2 3/4	1/8	
TYSP(*)-7858-50	-	125	130	TYSP(*)F-7858-50	-	135	140	5/8 7/8	1/8	
TYSP(*)-134-50	-	130	-	TYSP(*)F-134-50	-	155	160	3/4 1	1/8	

\* Specify durometer: 5 (for 55A), 6 (for 64A), or 7 (for 73A). \*\*Specifications given are typical and are meant only as a guide. Field testing is required to find the actual operating specifications in a given application.

Ordering Example: TYSP6-38316-50 specifies a 50' spool, 64A diameter, 1/16" ID x 3/8" OD, 3/32 wall, \$30.

**OMEGAFLEX®**

# THICK WALL PVC SUCTION TUBING



OMEGA's TYVYV thick wall PVC tubing combines the clarity, flexibility, and ease-of-use of standard vinyl tubing with the additional ability to handle full vacuum temperatures up to 160°F. In addition, TYVYV tubing handles somewhat higher operating pressures than our standard PVC tubing with an equivalent inside diameter.

### SPECIFICATIONS\*

**Hardness, Shore A:** 55  
**Specific Gravity:** 1.19  
**Tensile Strength, PSI:** 1650  
**Ultimate Elongation:** 450%  
**Operating Temperature Range:**  
-32 to 71°C (-25 to 160°F)  
**Minimum Bend Radius:**  
4 times the tube OD

TYVYV-916316-50

**\$64**

Basic 50' Spool



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model No.)

Model No.	Price	Std Length (ft)	Vac Rate in/hg	O.D. (in)	I.D. (in)	Working psi at 73°F	lbs/50 ft
TYVYV-916316-50	\$64	50	30	3/8	3/8	62	6
TYVYV-5814-50	82	50	30	1/2	1/4	56	7
TYVYV-5814-10	41	10	30	1/2	1/4	56	7
TYVYV-7838-50	180	50	30	3/4	3/8	54	7.5
TYVYV-11812-50	210	50	30	1 1/2	1/2	52	22
TYVYV-13858-50	328	50	30	1 3/4	5/8	56	32
TYVYV-11234-50	478	50	30	1 1/2	3/4	46	36
TYVYV-21-50	1111	50	30	2	1	46	65

**Ordering Example:** TYVYV-7838-50, 50' of tubing, 3/8" OD, 3/8" ID, \$180.

\*Specifications given are typical and are meant only as a guide. Field testing is required to find the actual operating specifications in a given application.

Recommended Reference Book: Valve Handbook, **FW-306, \$125.**  
See Section Y For Additional Books





#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

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0800-8266342

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0800-488-488

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088-466-342

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596-311-899

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