

OMEGAFLEX®

SANTOPRENE FLEXIBLE RUBBER TUBING

TYSP Series



By Individual Model No.†

- ✓ Broad Operating Temperature 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.

† Visit omega.com/rohs to determine specific RoHS compliance.

SPECIFICATIONS**

	TYSP5	TYSP6	TYSP7
Hardness, Shore A	55A	64A	73A
Specific Gravity	0.97	0.97	0.97
Tensile Strength, PSI	640	950	1100
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)		

To Order						
Regular Tubing (Black)				Dimensions		
Model No.	55A	64A	73A	OD	ID	Wall
TYSP(*)-18116-50	✓	-	-	1/8"	1/16"	1/32"
TYSP(*)-316116-50	-	✓	✓	3/16"	1/16"	1/16"
TYSP(*)-1418-50	-	✓	✓	1/4"	1/8"	1/16"
TYSP(*)-3818-50	-	✓	-	3/8"	1/8"	1/8"
TYSP(*)-516316-50	✓	✓	✓	5/16"	3/16"	1/16"
TYSP(*)-12316-50	-	-	-	1/2"	3/16"	3/32"
TYSP(*)-38316-50	-	✓	-	3/8"	3/16"	3/32"
TYSP(*)-916316-50	✓	✓	-	9/16"	3/16"	3/16"
TYSP(*)-3814-50	-	✓	✓	3/8"	1/4"	1/16"
TYSP(*)-71614-50	✓	✓	-	7/16"	1/4"	3/32"
TYSP(*)-1214-50	✓	✓	✓	1/2"	1/4"	1/8"
TYSP(*)-5814-50	✓	✓	✓	5/8"	1/4"	3/16"
TYSP(*)-716516-50	-	✓	✓	7/16"	5/16"	1/16"
TYSP(*)-12516-50	-	✓	-	1/2"	5/16"	3/32"
TYSP(*)-1316516-50	-	✓	-	13/16"	5/16"	1/4"
TYSP(*)-1238-50	-	✓	✓	1/2"	3/8"	1/16"
TYSP(*)-91638-50	-	✓	-	9/16"	3/8"	3/32"
TYSP(*)-5838-50	-	✓	✓	5/8"	3/8"	1/8"
TYSP(*)-138-50	-	-	-	1"	3/8"	5/16"
TYSP(*)-916716-50	-	✓	✓	9/16"	7/16"	1/16"
TYSP(*)-5812-50	-	✓	-	5/8"	1/2"	1/16"
TYSP(*)-111612-50	-	✓	✓	11/16"	1/2"	3/32"
TYSP(*)-3412-50	-	✓	✓	3/4"	1/2"	1/8"
TYSP(*)-7858-50	-	✓	✓	7/8"	5/8"	1/8"
TYSP(*)-134-50	-	✓	-	1"	3/4"	1/8"

To Order						
FDA Approved Tubing (Tan)				Dimensions		
Model No.	55A	64A	73A	OD	ID	Wall
TYSP(*)F-18116-50	✓	✓	✓	1/8"	1/16"	1/32"
TYSP(*)F-316116-50	-	✓	✓	3/16"	1/16"	1/16"
TYSP(*)F-1418-50	-	✓	✓	1/4"	1/8"	1/16"
TYSP(*)F-3818-50	✓	-	✓	3/8"	1/8"	1/8"
TYSP(*)F-516316-50	-	✓	✓	5/16"	3/16"	1/16"
TYSP(*)F-12316-50	✓	-	-	1/2"	3/16"	3/32"
TYSP(*)F-38316-50	-	✓	✓	3/8"	3/16"	3/32"
TYSP(*)F-916316-50	✓	-	✓	9/16"	3/16"	3/16"
TYSP(*)F-3814-50	-	✓	✓	3/8"	1/4"	1/16"
TYSP(*)F-71614-50	-	-	✓	7/16"	1/4"	3/32"
TYSP(*)F-1214-50	-	✓	✓	1/2"	1/4"	1/8"
TYSP(*)F-5814-50	-	-	✓	5/8"	1/4"	3/16"
TYSP(*)F-716516-50	-	✓	✓	7/16"	5/16"	1/16"
TYSP(*)F-12516-50	-	-	✓	1/2"	5/16"	3/32"
TYSP(*)F-1316516-50	-	-	✓	13/16"	5/16"	1/4"
TYSP(*)F-1238-50	✓	✓	✓	1/2"	3/8"	1/16"
TYSP(*)F-91638-50	✓	-	✓	9/16"	3/8"	3/32"
TYSP(*)F-5838-50	✓	✓	✓	5/8"	3/8"	1/8"
TYSP(*)F-138-50	-	-	✓	1"	3/8"	5/16"
TYSP(*)F-916716-50	-	-	✓	9/16"	7/16"	1/16"
TYSP(*)F-5812-50	-	✓	✓	5/8"	1/2"	1/16"
TYSP(*)F-111612-50	-	-	✓	11/16"	1/2"	3/32"
TYSP(*)F-3412-50	-	✓	✓	3/4"	1/2"	1/8"
TYSP(*)F-7858-50	-	✓	✓	7/8"	5/8"	1/8"
TYSP(*)F-134-50	-	✓	✓	1"	3/4"	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 Examples: TYSP6-38316-50, specifies a 50' spool, 64A durometer, 3/16" ID x 3/8" OD, 3/32" wall. TYSP7F-1238-50, 50 feet of tubing, 73A durometer, 1/16" wall, 3/8" ID, 1/2" OD.