

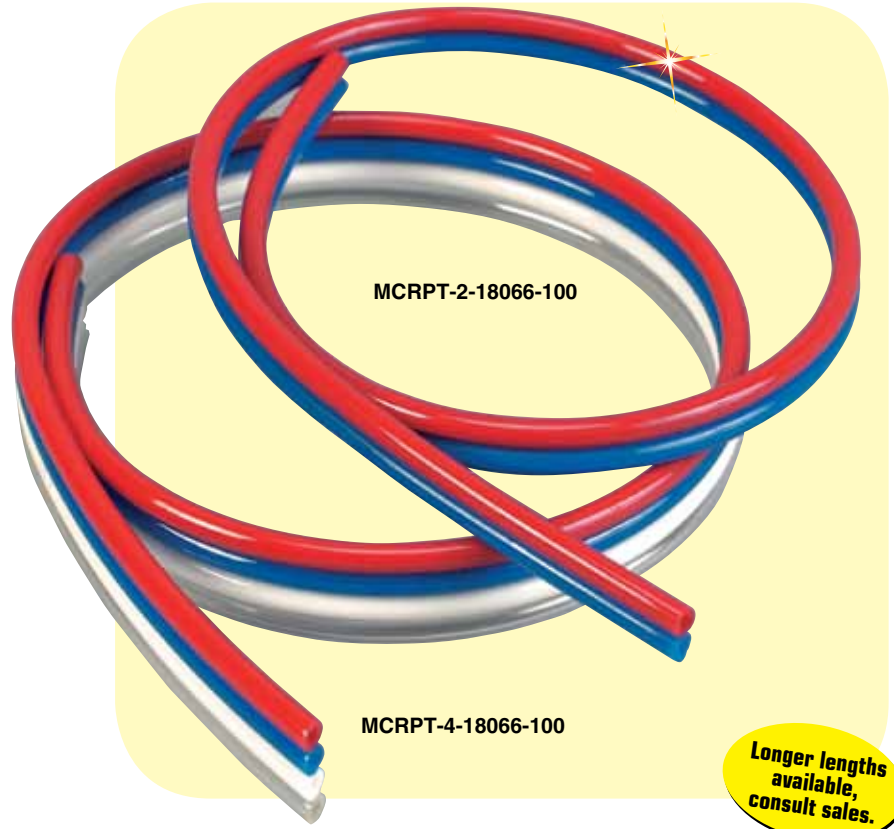
MULTI-COLORED RIBBON POLYURETHANE TUBING

MCRPT Series

- Faster Installation of Multiple Lines
- Eliminate Need for Additional Jacketing
- Color Code Identification
- All the Qualities of Polyurethane Tubing
- Kink and Abrasion Resistant
- Resistant to Chemicals, Water, Fuel, Oil and Fungus
- Outstanding Flexibility and Memory
- Temperature Range -40 to 73°C (-40 to 165°F)
- Vacuum Rating to 28" Hg

Multi-Color ribbon polyurethane tubing is a bonded ribbon of polyurethane tubing. The bonded tubing offers quicker installation and eliminates the need for additional handling to install spiral wrapping, channels or other bundling materials. The multi-color coded tubing provides quick identification of process lines for tracing and trouble shooting.

MULTI-COLOR RIBBON POLYURETHANE TUBING, 95A SHORE DUROMETER



Longer lengths available, consult sales.

SPECIFICATIONS

Temperature Range: -40 to 73°C (-40 to 165°F)
Vacuum Rating: To 28" Hg
Working Pressure: 3:1 Safety factor

COLOR OPTIONS

TUBES	COLORS
2	Red, blue
4	Red, blue, white and clear

To Order Visit omega.com/mcrpt_tubing for Pricing and Details

MODEL NO.	NUMBER OF TUBES	TUBE OD in	TUBE ID in	TUBE DIA. TOL. in	COIL LENGTH m (ft)	WALL in	WORKING PSI @ 24°C (75°F)	WEIGHT g (lbs)
MCRPT-2-18066-100	2	0.125	0.066	±0.005	30 (100)	0.030	255	400 (0.88)
MCRPT-2-18066-50	2	0.125	0.066	±0.005	15 (50)	0.030	255	200 (0.44)
MCRPT-4-18066-100	4	0.125	0.066	±0.005	30 (100)	0.030	255	800 (1.76)
MCRPT-4-18066-50	4	0.125	0.066	±0.005	15 (50)	0.030	255	400 (0.88)
MCRPT-2-532332-100	2	0.156	0.094	±0.005	30 (100)	0.031	210	565 (1.24)
MCRPT-2-532332-50	2	0.156	0.094	±0.005	15 (50)	0.031	210	280 (0.62)
MCRPT-4-532332-100	4	0.156	0.094	±0.005	30 (100)	0.031	210	1125 (2.48)
MCRPT-4-532332-50	4	0.156	0.094	±0.005	15 (50)	0.031	210	565 (1.24)
MCRPT-2-14160-100	2	0.250	0.160	±0.005	30 (100)	0.045	265	1660 (3.66)
MCRPT-2-14160-50	2	0.250	0.160	±0.005	15 (50)	0.045	265	835 (1.84)
MCRPT-4-14160-100	4	0.250	0.160	±0.005	30 (100)	0.045	175	3320 (7.32)
MCRPT-4-14160-50	4	0.250	0.160	±0.005	15 (50)	0.045	175	1660 (3.66)

Note: Specifications listed are meant only as a guide. Each user must test the tubing under their operating conditions to determine the tubing's suitability for the particular application.

Ordering Examples: MCRPT-4-18066-100, 30 m (100') coil, 4 tubes, 1/8" OD x 0.066" ID polyurethane tubing with working psi of 255.

Used For Resistance
 Wire Thermocouples,
 RTDs And Fiber
 Optics.



Shown smaller than actual size.

30 m (100') Spool

- ✓ Thin Wall Construction
- ✓ Extruded PTFE Rated to 260°C (500°F)
- ✓ Color Coded for Easy Identification
- ✓ Non-Flammable

TFE tubing offers superior abrasion protection and is excellent in insulating wires in moist or corrosive environments where temperatures do not exceed 260°C (500°F). All colors and gages are in stock for fast delivery!

Available in Convenient 25' and 100' Pre-Spooled Lengths For Fast Off-the-Shelf Delivery.



Create your own insulated thermocouple!

Discount Schedule	
1 to 10 feet	Net
11 to 24 feet	10%
25 to 99 feet	20%
100 to 499 feet	30%
≥500 feet	35%



To Order					
Color	20 AWG	24 AWG	26 AWG	28 AWG	30 AWG
Black	TF-BK-20	TF-BK-24	TF-BK-26	TF-BK-28	TF-BK-30
Blue	TF-B-20	TF-B-24	TF-B-26	TF-B-28	TF-B-30
Purple	TF-P-20	TF-P-24	TF-P-26	TF-P-28	TF-P-30
Red	TF-R-20	TF-R-24	TF-R-26	TF-R-28	TF-R-30
White	TF-W-20	TF-W-24	TF-W-26	TF-W-28	TF-W-30
Yellow	TF-Y-20	TF-Y-24	TF-Y-26	TF-Y-28	TF-Y-30

To order, specify model no. and length. 25 and 100' spools stocked for fast delivery. Other lengths available for additional cost. Minimum order, 10'. Consult sales for delivery. **Ordering Example:** TF-R-24-25, red PFA tubing for 24 gage wire, 25 feet long.

Available! For long, continuous lengths—consult factory for pricing and delivery!

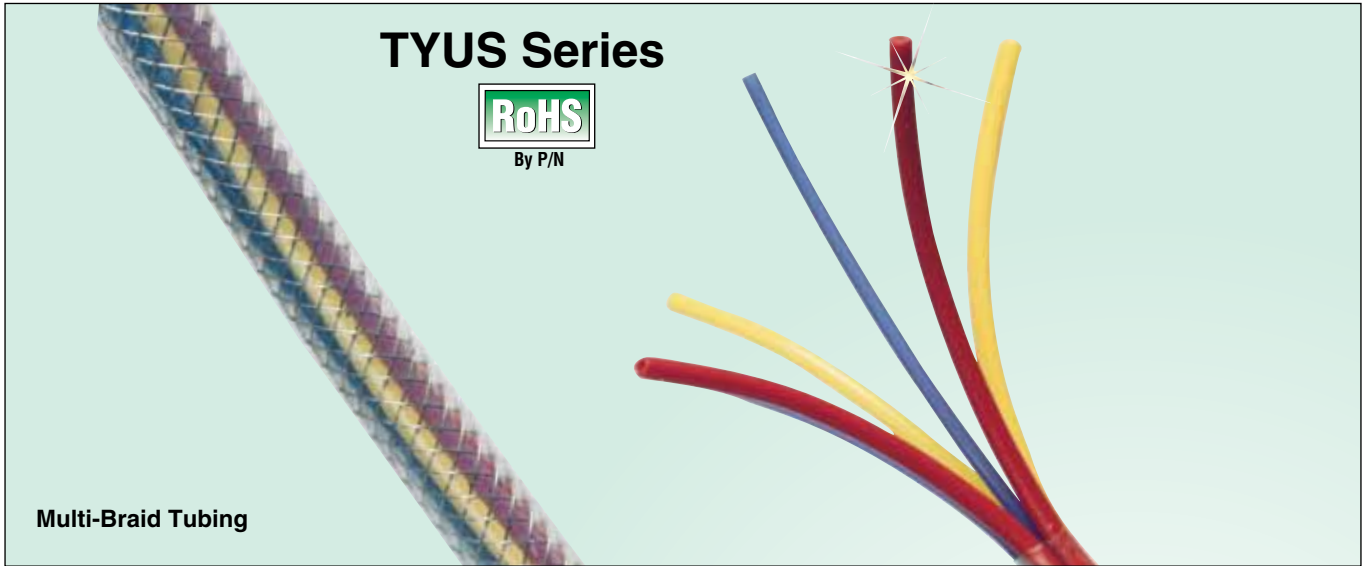


Dimensions: mm (inch)

AWG Size	Inside Diameter (Nominal)	Wall Dimensions	
		Nominal	Tolerance
30	0.30 (0.012)	0.23 (0.009)	0.05 (0.002)
28	0.38 (0.015)	0.23 (0.009)	0.05 (0.002)
26	0.46 (0.018)	0.23 (0.009)	0.05 (0.002)
24	0.56 (0.022)	0.25 (0.010)	0.08 (0.003)
20	0.86 (0.034)	0.38 (0.015)	0.08 (0.003)

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UNREINFORCED POLYURETHANE TUBING



Polyurethane Ester Tubing

To Order						
1/16 to 1/4" ID TUBING						
Model No.	OD (inch)	ID (inch)	Std Length (ft)	Wall (inch)	Working psi @ 70°F	lbs/cft
TYUS-18116-100	1/8	1/16	100	1/32	134	1/2
TYUS-31618-100	3/16	1/8	100	1/32	72	7/8
TYUS-1418-100	1/4	1/8	100	1/16	133	2
TYUS-14316-100	1/4	3/16	100	1/32	27	2 3/4
TYUS-516316-100	5/16	3/16	100	1/16	74	2 3/4
TYUS-51614-100	5/16	1/4	100	1/32	33	1 3/4
TYUS-3814-100	3/8	1/4	100	1/16	67	3 1/2
TYUS-1214-100	1/2	1/4	100	1/8	131	8
TYUS-1214-500	1/2	1/4	500	1/8	131	8
TYUS-716516-100	7/16	5/16	100	1/16	65	4
TYUS-916516-100	9/16	5/16	100	1/8	118	9 1/4
TYUS-1238-100	1/2	3/8	100	1/16	59	5
TYUS-91638-100	9/16	3/8	100	3/32	84	7 3/4
TYUS-5838-100	5/8	3/8	100	1/8	100	7 3/4
TYUS-5812-100	5/8	1/2	100	1/16	36	6
TYUS-3412-100	3/4	1/2	100	1/8	60	6
TYUS-131658-100	1 3/16	5/8	100	3/32	54	11 1/2
TYUS-7858-100	7/8	5/8	100	1/8	60	11 1/2
TYUS-134-50	1	3/4	50	1/8	51	16
TYUS-134-100	1	3/4	100	1/8	51	18 1/2
TYUS-11878-100	1 1/8	7/8	100	1/8	33	18 1/2
TYUS-1141-50	1 1/4	1	50	1/8	40	20 7/8
TYUS-1141-100	1 1/4	1	100	1/8	40	23 1/2

Ordering Example: TYUS-1141-100, 100' of tubing, 1 1/4" OD, 1" ID, 1/8" wall.

NATURAL LATEX, GUM RUBBER TUBING

TYGR Series

OMEGAFLEX latex tubing features superior flexibility and elasticity, maintaining its shape memory even after repeated stretching. No coagulants or fillers are added to the tubing, which minimizes migration into your fluid. This natural latex tubing has 0.87% trace sulphur.

SPECIFICATIONS*

Hardness, Shore A: 35 ±5

Specific Gravity: 0.95

Tensile Strength, PSI: 3500

Elongation at Break, %: 750

Brittle Temperature: -57°C (-70°F)

Operating Temperature Range: -54 to 82°C (-65 to 180°F)

*Values listed are typical. Field testing should be done to find the actual values for the application.



Note:
Contact Sales for
Color Options.
4000' minimum
on colors.

To Order

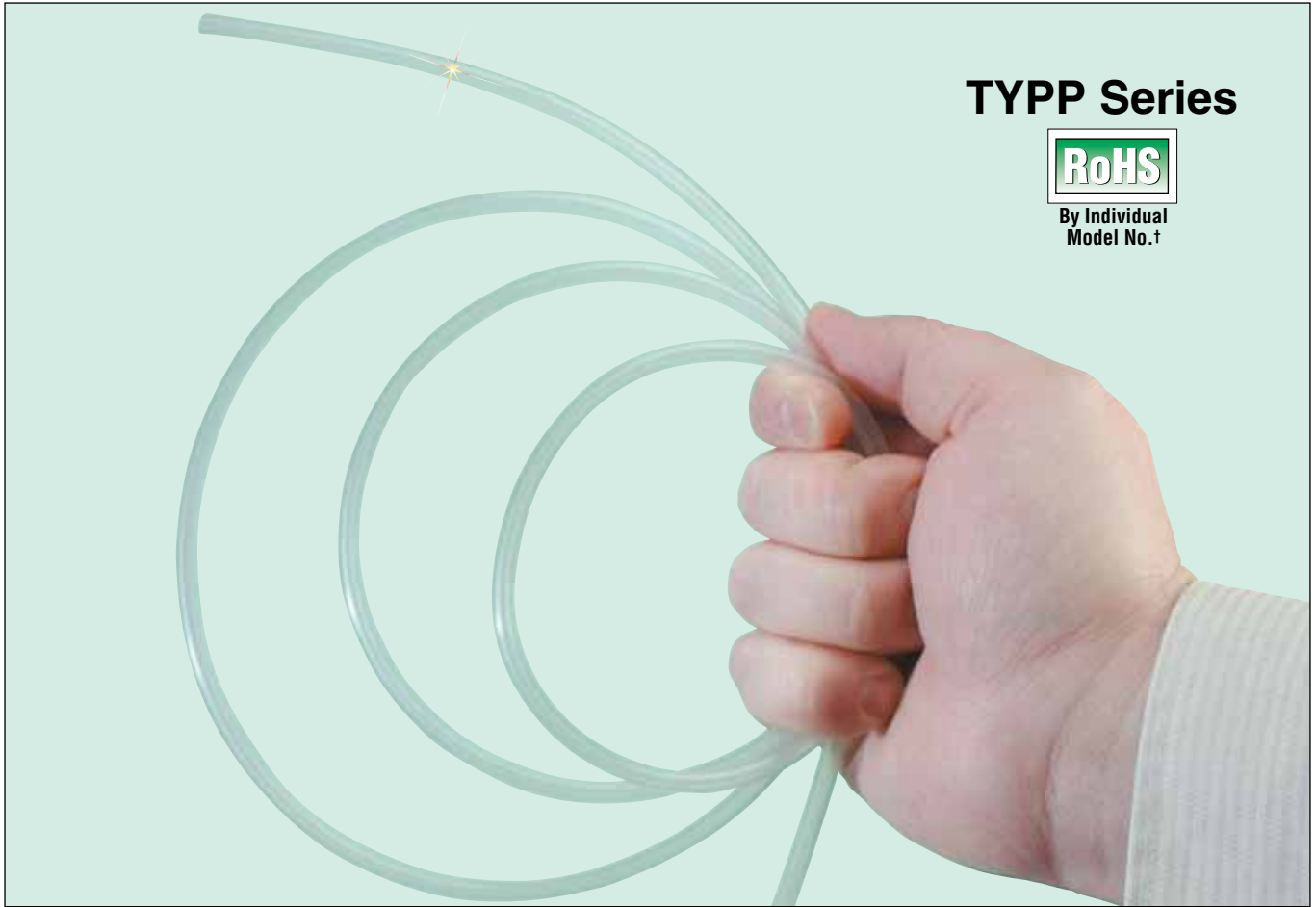
1/8 to 1" OD Tubing							
Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	lbs./100 ft. Length	psi @ 70°F	
TYGR-18116-100	100	1/32	1/8	1/16	1.00	15	
TYGR-18116-50	50	1/32	1/8	1/16	1.00	15	
TYGR-31618-100	100	1/32	3/16	1/8	1.50	10	
TYGR-31618-50	50	1/32	3/16	1/8	1.50	10	
TYGR-1418-100	100	1/16	1/4	1/8	2.00	15	
TYGR-1418-50	50	1/16	1/4	1/8	2.00	15	
TYGR-516316-100	100	1/16	5/16	3/16	2.50	12	
TYGR-516316-50	50	1/16	5/16	3/16	2.50	12	
TYGR-38316-100	100	3/32	3/8	3/16	4.25	15	
TYGR-38316-50	50	3/32	3/8	3/16	4.25	15	
TYGR-716316-100	100	1/8	7/16	3/16	6.00	17	
TYGR-716316-50	50	1/8	7/16	3/16	6.00	17	
TYGR-3814-100	100	1/16	3/8	1/4	3.25	10	
TYGR-3814-50	50	1/16	3/8	1/4	3.25	10	
TYGR-71614-100	100	3/32	7/16	1/4	5.00	12	
TYGR-71614-50	50	3/32	7/16	1/4	5.00	12	
TYGR-1214-100	100	1/8	1/2	1/4	7.00	15	
TYGR-1214-50	50	1/8	1/2	1/4	7.00	15	
TYGR-5814-50	50	3/16	5/8	1/4	12.00	18	
TYGR-716516-100	100	1/16	7/16	5/16	4.00	8	
TYGR-716516-50	50	1/16	7/16	5/16	4.00	8	
TYGR-12516-100	100	3/32	1/2	5/16	6.00	11	
TYGR-12516-50	50	3/32	1/2	5/16	6.00	11	
TYGR-916516-50	50	1/8	9/16	5/16	8.50	13	
TYGR-1116516-50	50	3/16	11/16	5/16	13.00	16	
TYGR-1238-100	100	1/16	1/2	3/8	9.00	7	
TYGR-91638-50	50	3/32	9/16	3/8	7.00	10	
TYGR-5838-50	50	1/8	5/8	3/8	9.00	12	
TYGR-111612-50	50	3/32	11/16	1/2	9.50	8	
TYGR-3412-50	50	1/8	3/4	1/2	12.00	10	
TYGR-134-50	50	1/8	1	3/4	17.00	7	

Note: Minimum continuous length: 6 feet.

Ordering Example: TYGR-1418-50, 50' of tubing, 1/16" wall, 1/4" OD, 1/8" ID.



PULYPRUPYLENE TUBING



TYPP Series



By Individual Model No.†

This is a tough, heat-resistant tubing, ideal for the transfer of hot liquids or gases. It is recommended for low pressure systems and applications where higher temperatures and pressures are encountered. It has good compatibility to acids and alkalies.

SPECIFICATIONS*

Service Temperature: -40 to 121°C (-40 to 250°F)
Durometer, nom. (Shore) 15 secs: 75 (D)
Color: Translucent
Specific Gravity: 0.90
Tensile Strength (PSIG): 3700

Ultimate Elongation: 200%
Minimum Bend Radius: ten times tube OD

**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.*

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

To Order						
Model No.	Standard Length	Wall	OD	ID	Working psi @ 70°F	Weight (lbs)
TYPP-1418-100	100'	1/16"	1/4"	1/8"	272	3.0
TYPP-14170-100	100'	0.04"	1/4"	0.17"	149	1.5
TYPP-516316-100	100'	1/16"	5/16"	3/16"	196	3.0
TYPP-3814-100	100'	1/16"	3/8"	1/4"	157	3.1
TYPP-1238-100	100'	1/16"	1/2"	3/8"	112	5.0
TYPP-5812-100	100'	1/16"	5/8"	1/2"	87	6.0
TYPP-3458-100	100'	1/16"	3/4"	5/8"	71	7.0
TYPP-134-100	100'	1/8"	1"	3/4"	109	13.1
TYPP-1141-100	100'	1/8"	1 1/4"	1"	87	13.5
TYPP-112114-100	100'	1/8"	1 1/2"	1 1/4"	71	21.3
TYPP-2134-100	100'	1/8"	2"	1 3/4"	52	29.1

Ordering Examples: TYPP-1418-100, 100' of tubing, 1/4" OD x 1/8" ID.

TYPP-14170-100, 100' of tubing, 1/4" OD x 0.17" ID.

SILICONE TUBING PEROXIDE CURED

- Suitable for Many Peristaltic Pumps
- Broad Operating Temp. Range
-73 to 177°C (-100 to 350°F)
- Made from FDA Approved Ingredients

SPECIFICATIONS*

Hardness, Shore A ±: 50

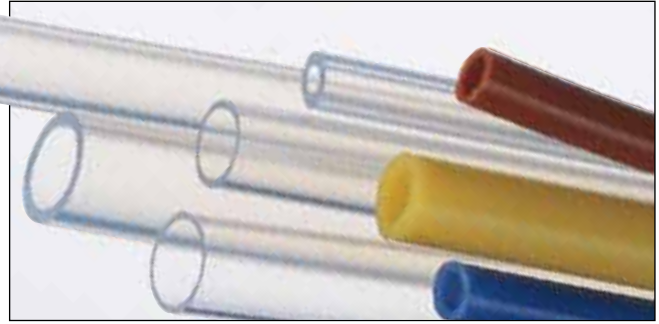
Specific Gravity: 1.14

Tensile Strength: 1100 psi

Elongation at Break: 375%

Brittle Temperature: -73°C (-100°F)

Maximum Operating Temperature: 177°C (350°F)

TYSC SeriesBy Individual
Model No.†† Visit omega.com/rohs to determine specific RoHS compliance.**To Order**

Model No.	Length (ft)	OD (inch)	ID (inch)	WALL (inch)	Working psi @ 70°F	BURST psi @ 70°F
TYSC-18116-100	100	1/8	1/16	1/32	10	30
TYSC-316116-100	100	3/16	1/16	1/16	20	60
TYSC-532332-100	100	5/32	3/32	1/32	10	30
TYSC-732332-100	100	7/32	3/32	1/16	15	45
TYSC-31618-100	100	3/16	1/8	1/32	10	30
TYSC-1418-100	100	1/4	1/8	1/16	20	60
TYSC-51618-100	100	5/16	1/8	3/32	25	75
TYSC-3818-100	100	3/8	1/8	1/8	20	60
TYSC-932532-100	100	9/32	5/32	1/16	20	60
TYSC-1132532-100	100	11/32	5/32	3/32	20	60
TYSC-14316-100	100	1/4	3/16	1/32	5	15
TYSC-516316-100	100	5/16	3/16	1/16	20	60
TYSC-38316-100	100	3/8	3/16	3/32	20	60
TYSC-716316-100	100	7/16	3/16	1/8	15	45
TYSC-51614-100	100	5/16	1/4	1/32	10	30
TYSC-3814-100	100	3/8	1/4	1/16	5	15
TYSC-71614-100	100	7/16	1/4	3/32	20	60
TYSC-1214-100	100	1/2	1/4	1/8	15	45
TYSC-716516-100	100	7/16	5/16	1/16	10	30
TYSC-12516-100	100	1/2	5/16	3/32	10	30
TYSC-1238-100	100	1/2	1/8	1/16	10	30
TYSC-91638-100	100	9/16	1/8	3/32	10	30
TYSC-5838-100	100	5/8	1/8	1/8	10	30
TYSC-3438-100	100	3/4	3/8	3/16	15	45
TYSC-58716-100	100	5/8	7/16	3/32	10	30
TYSC-5812-100	100	5/8	1/2	1/16	5	15
TYSC-111612-100	100	11/16	1/2	3/32	5	15
TYSC-3412-100	100	3/4	1/2	1/8	10	30
TYSC-7812-100	100	7/8	1/2	3/16	10	30
TYSC-3458-100	100	3/4	5/8	1/16	5	15
TYSC-131658-100	100	13/16	5/8	3/32	5	15
TYSC-7858-100	100	7/8	5/8	1/8	5	15
TYSC-158-100	100	1	5/8	3/16	10	30
TYSC-134-50	50	1	3/4	1/8	5	15
TYSC-11834-50	50	1 1/8	3/4	3/16	10	30

Polyester Braid Reinforced Silicone tubing is available, contact Sales.

*Specifications listed are typical and are meant only as a guide. Each user must test the tubing under their operating conditions to determine the tubing's suitability for the particular application.

Ordering Examples: TYSC-1418-100, 100 feet of tubing, 1/4" OD x 1/8" ID.

TYSC-1238-100, 100 feet of tubing, 1/4" OD x 1/4" ID.

SANTUPRENE 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.

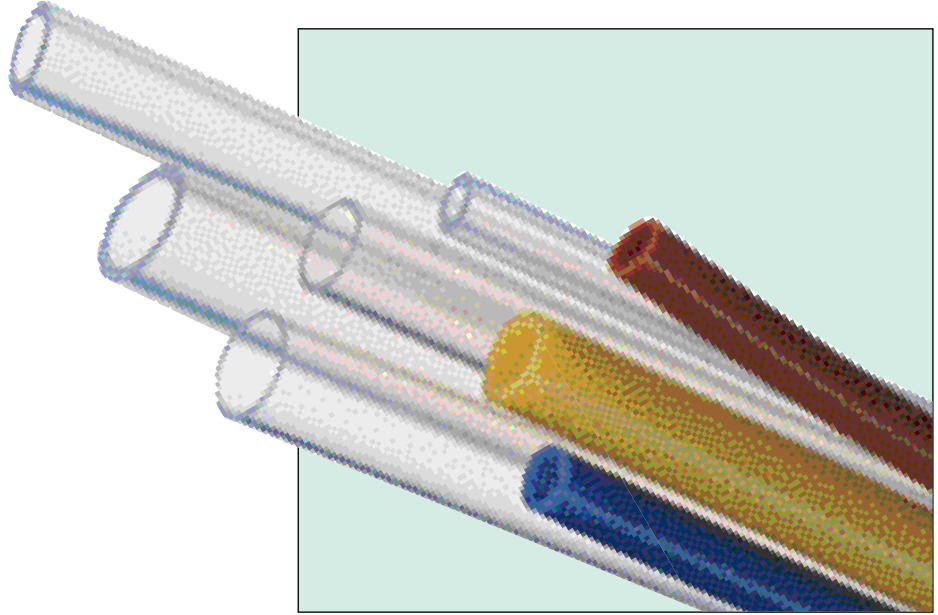
TYSP7F-1238-50, 50 feet of tubing, 73A durometer, 1/4" wall, 3/8" ID, 1/8" OD.



TYTF Series



FEP tubing is very similar to PFA tubing in flexibility and appearance. The major difference is the service temperature range: -73 to 204°C (-100 to 400°F).



To Order

³/₃₂ to ³/₈" OD Tubing

Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi @ 73°F
TYTF-332132-100	100	0.03	³ / ₃₂	¹ / ₃₂	400
TYTF-18116-25	25	0.03	¹ / ₈	¹ / ₁₆	300
TYTF-18116-50	50	0.03	¹ / ₈	¹ / ₁₆	300
TYTF-18116-100	100	0.03	¹ / ₈	¹ / ₁₆	300
TYTF-316116-50	50	0.063	³ / ₁₆	¹ / ₁₆	430
TYTF-316116-100	100	0.063	³ / ₁₆	¹ / ₁₆	430
TYTF-532332-25	25	0.03	⁵ / ₃₂	³ / ₃₂	245
TYTF-532332-50	50	0.03	⁵ / ₃₂	³ / ₃₂	245
TYTF-532332-100	100	0.03	⁵ / ₃₂	³ / ₃₂	245
TYTF-31618-25	25	0.03	³ / ₁₆	¹ / ₈	200
TYTF-31618-50	50	0.03	³ / ₁₆	¹ / ₈	200
TYTF-31618-100	100	0.03	³ / ₁₆	¹ / ₈	200
TYTF-1418-50	50	0.063	¹ / ₄	¹ / ₈	320
TYTF-1418-100	100	0.063	¹ / ₄	¹ / ₈	320
TYTF-14532-25	25	0.047	¹ / ₄	⁵ / ₃₂	240
TYTF-14532-50	50	0.047	¹ / ₄	⁵ / ₃₂	240
TYTF-14532-100	100	0.047	¹ / ₄	⁵ / ₃₂	240
TYTF-14316-25	25	0.03	¹ / ₄	³ / ₁₆	150
TYTF-14316-50	50	0.03	¹ / ₄	³ / ₁₆	150
TYTF-14316-100	100	0.03	¹ / ₄	³ / ₁₆	150
TYTF-516316-50	50	0.063	⁵ / ₁₆	³ / ₁₆	255
TYTF-516316-100	100	0.063	⁵ / ₁₆	³ / ₁₆	255
TYTF-51614-25	25	0.03	⁵ / ₁₆	¹ / ₄	120
TYTF-51614-50	50	0.03	⁵ / ₁₆	¹ / ₄	120
TYTF-51614-100	100	0.03	⁵ / ₁₆	¹ / ₄	120
TYTF-3814-25	25	0.063	³ / ₈	¹ / ₄	215
TYTF-3814-50	50	0.063	³ / ₈	¹ / ₄	215
TYTF-3814-100	100	0.063	³ / ₈	¹ / ₄	215
TYTF-38516-25	25	0.03	³ / ₈	⁵ / ₁₆	100
TYTF-38516-50	50	0.03	³ / ₈	⁵ / ₁₆	100
TYTF-38516-100	100	0.03	³ / ₈	⁵ / ₁₆	100

FEP tubing can be extruded in very long, continuous lengths. FEP offers superior transparency for applications that require visual inspection.

SPECIFICATIONS*

Hardness, Shore D: 56
Specific Gravity: 2.15
Tensile Strength: 3400 psi
Elongation at Break: 325%
Brittle Temperature: <-170°C (-275°F)
Service Temperature: -73 to 204°C (-100 to 400°F)

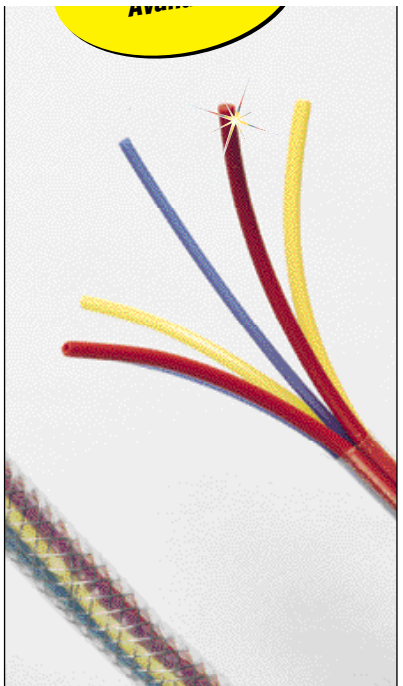
*Specifications shown are typical and are meant only as a guide. Field testing is recommended to find the actual values in the given application.

Notes: FEP is clear in color and can be heat sealed and heat bonded. Sold in standard lengths of 25, 50, and 100'. FEP packages have no splices.

Ordering Example: TYTF-1418-50, 50 feet of tubing, 0.063" wall, ¹/₄"OD, ¹/₈"ID.



4 to 16 mm OD Tubing, Metric Diameters					
Model No.	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @73°F
TYTF-42-50	50	1	4	2	320
TYTF-42-100	100	1	4	2	320
TYTF-64-50	50	1	6	4	210
TYTF-64-100	100	1	6	4	210
TYTF-86-50	50	1	8	6	160
TYTF-86-100	100	1	8	6	160
TYTF-108-25	25	1	10	8	125
TYTF-108-50	50	1	10	8	125
TYTF-108-100	100	1	10	8	125
TYTF-1210-25	25	1	12	10	105
TYTF-1210-50	50	1	12	10	105
TYTF-1210-100	100	1	12	10	105
TYTF-1412-25	25	1	14	12	90
TYTF-1412-50	50	1	14	12	90
TYTF-1412-100	100	1	14	12	90



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

Notes: FEP is clear in color and can be heat sealed and heat bonded.
 Sold in standard coil lengths of 5, 50, and 100'. FEP packages have no splices.
 Consult Sales for available non-standard colors.

Ordering Example: TYTF-1210-100, 100 feet of tubing, 1 mm wall, 12 mm OD, 10 mm ID.

To Order					
7/16 to 2 1/8" OD Tubing					
Model No.	Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi @73°F
TYTF-716516-25	25	0.063	7/16	5/16	185
TYTF-716516-50	50	0.063	7/16	5/16	185
TYTF-716516-100	100	0.063	7/16	5/16	185
TYTF-71638-25	25	0.03	7/16	3/8	85
TYTF-71638-50	50	0.03	7/16	3/8	85
TYTF-71638-100	100	0.03	7/16	3/8	85
TYTF-1238-25	25	0.063	1/2	3/8	160
TYTF-1238-50	50	0.063	1/2	3/8	160
TYTF-1238-100	100	0.063	1/2	3/8	160
TYTF-12716-25	25	0.03	1/2	7/16	75
TYTF-12716-50	50	0.03	1/2	7/16	75
TYTF-12716-100	100	0.03	1/2	7/16	75
TYTF-91612-25	25	0.03	9/16	1/2	65
TYTF-91612-50	50	0.03	9/16	1/2	65
TYTF-91612-100	100	0.03	9/16	1/2	65
TYTF-5812-25	25	0.063	5/8	1/2	130
TYTF-5812-50	50	0.063	5/8	1/2	130
TYTF-5812-100	100	0.063	5/8	1/2	130
TYTF-3458-25	25	0.063	3/4	5/8	105
TYTF-3458-50	50	0.063	3/4	5/8	105
TYTF-3458-100	100	0.063	3/4	5/8	105
TYTF-178-25	25	0.063	1	7/8	80
TYTF-7834-5	5 Straight	0.063	7/8	3/4	90
TYTF-1101-5	5 Straight	0.05	1.10	1	55
TYTF-1181-5	5 Straight	0.063	1 1/8	1	70
TYTF-158112-5	5 Straight	0.063	1 5/8	1 1/2	50

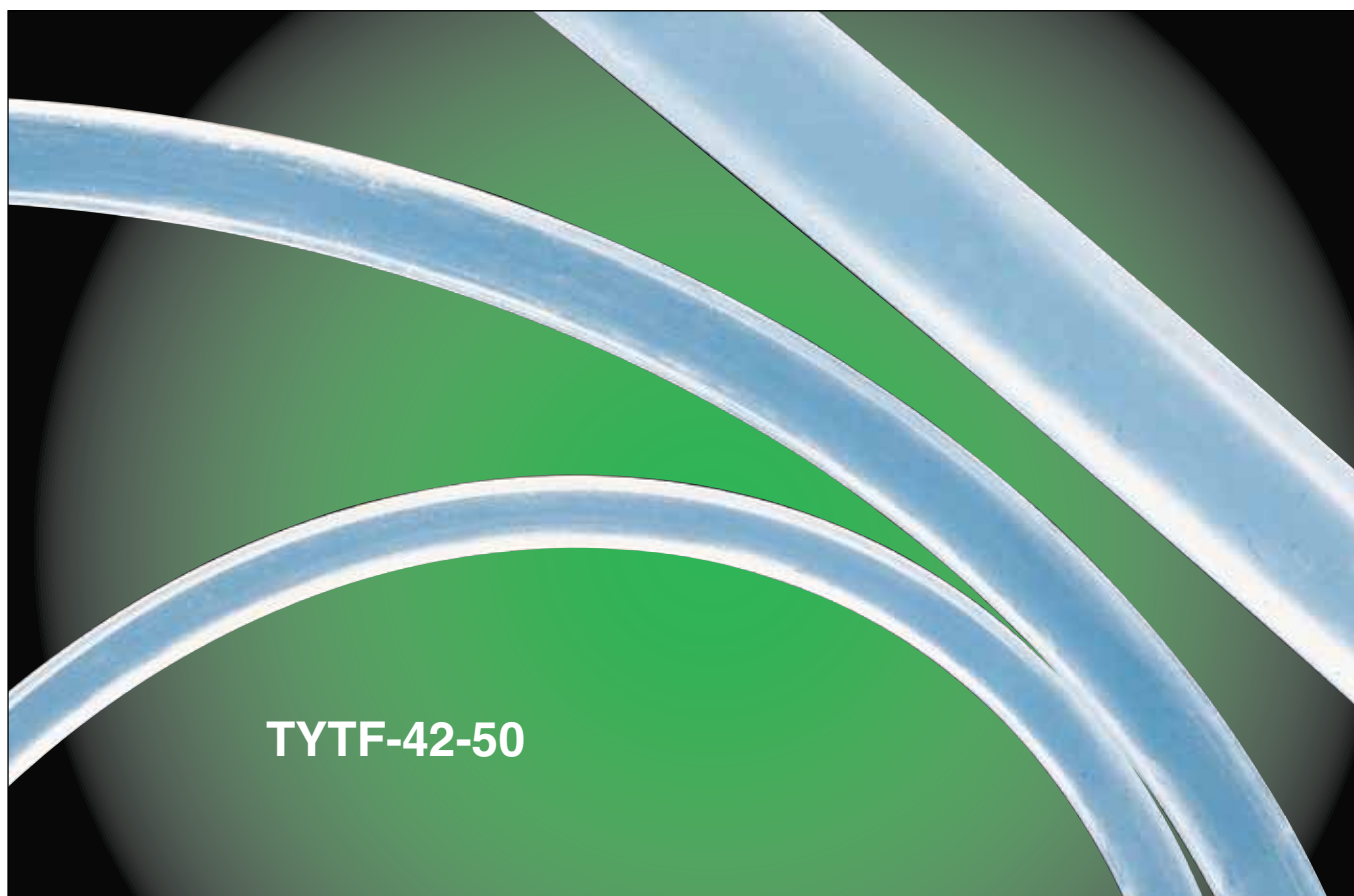


* Specifications on previous page are typical and are meant only as a guide. Field testing is recommended to find the actual values in the given application.

Notes: FEP is clear in color and can be heat sealed and heat bonded. Sold in standard coil lengths of 25, 50, and 100'. FEP packages have no splices.



PFA/FEP FORMULATION, METRIC DIAMETERS



Specialty Tubing
 Available!

To Order					
4 to 16 mm OD TUBING, Metric Diameters					
Model No.	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @73°F
TYTF-42-50	50	1	4	2	320
TYTF-42-100	100	1	4	2	320
TYTF-86-50	50	1	8	6	160
TYTF-86-100	100	1	8	6	160
TYTF-108-25	25	1	10	8	125
TYTF-108-50	50	1	10	8	125
TYTF-108-100	100	1	10	8	125
TYTF-1210-25	25	1	12	10	105
TYTF-1210-50	50	1	12	10	105
TYTF-1210-100	100	1	12	10	105
TYTF-1412-25	25	1	14	12	90
TYTF-1412-50	50	1	14	12	90
TYTF-1412-100	100	1	14	12	90

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

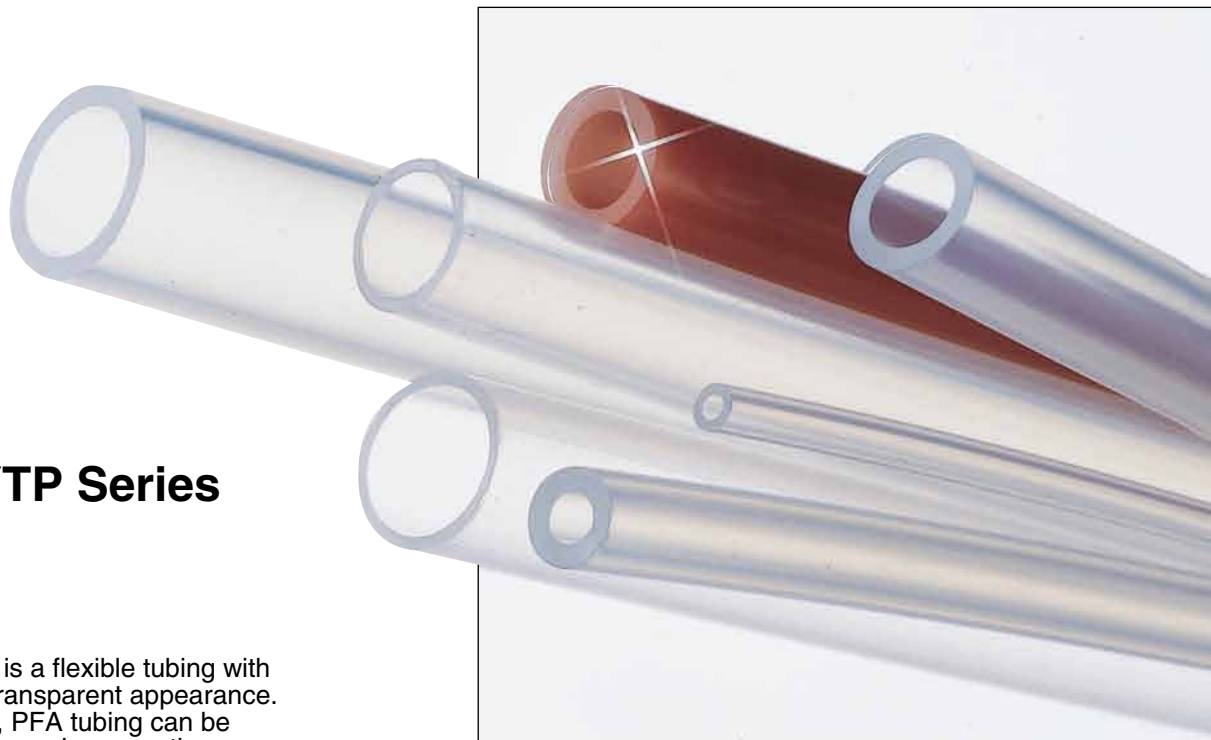
Notes: FEP is clear in color and can be heat sealed and heat bonded.

Sold in standard coil lengths of 5, 50, and 100'. FEP packages have no splices.

Consult Sales for available non-standard colors.

Ordering Example: TYTF-1210-100. 100 feet of tubing. 1 mm wall. 12 mm OD. 10 mm ID.





TYTP Series

PFA tubing is a flexible tubing with an almost transparent appearance. Unlike pipe, PFA tubing can be extruded in very long, continuous lengths, thus allowing for fewer connections.

PFA tubing from OMEGA® is manufactured from the highest-grade resins, which provide outstanding physical and chemical-stress crack resistance and superior flex-life. Like pipe, PFA tubing has excellent chemical resistance properties and can be used in temperatures ranging from -196 to 260°C (-320 to 500°F).

SPECIFICATIONS*

Hardness, Shore D: 60

Specific Gravity: 2.15

Elongation at Break: 300%

Brittle Temperature: 170°C (-275°F)

Service Temp: -196 to 260°C
 (-320 to 500°F)

ASTM: 3307

**Specifications given are typical. Field testing is recommended to find the actual operating specifications in the given application.*

Notes: PFA is clear in color and can be heat sealed and heat bonded.

Sold in standard coil lengths of 25, 50, and 100'. PFA packages have no splices.

To Order

1/16 to 3/8" OD TUBING

Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi @ 73°F
TYTP-116132-100	100	0.016	1/16	1/32	345
TYTP-18116-25	25	0.03	1/8	1/16	325
TYTP-18116-50	50	0.03	1/8	1/16	325
TYTP-18116-100	100	0.03	1/8	1/16	325
TYTP-316116-50	50	0.063	3/16	1/16	450
TYTP-316116-100	100	0.063	3/16	1/16	450
TYTP-532332-50	50	0.03	5/32	3/32	260
TYTP-532332-100	100	0.03	5/32	3/32	260
TYTP-31618-50	50	0.03	3/16	1/8	215
TYTP-31618-100	100	0.03	3/16	1/8	215
TYTP-1418-25	25	0.063	1/4	1/8	340
TYTP-1418-50	50	0.063	1/4	1/8	340
TYTP-1418-100	100	0.063	1/4	1/8	340
TYTP-14532-25	25	0.047	1/4	5/32	255
TYTP-14532-50	50	0.047	1/4	5/32	255
TYTP-14532-100	100	0.047	1/4	5/32	255
TYTP-14316-50	50	0.03	1/4	3/16	160
TYTP-14316-100	100	0.03	1/4	3/16	160
TYTP-516316-25	25	0.063	5/16	3/16	275
TYTP-516316-50	50	0.063	5/16	3/16	275
TYTP-516316-100	100	0.063	5/16	3/16	275
TYTP-51614-25	25	0.03	5/16	1/4	130
TYTP-51614-50	50	0.03	5/16	1/4	130
TYTP-51614-100	100	0.03	5/16	1/4	130
TYTP-3814-25	25	0.063	3/8	1/4	225
TYTP-3814-50	50	0.063	3/8	1/4	225
TYTP-3814-100	100	0.063	3/8	1/4	225

Ordering Example: TYTP-532332-50, 50' of tubing. 0.03" wall, 5/32" OD, 3/32" ID.

Specialty Tubing
Available!

To Order					
4 to 16 mm OD Metric Diameters					
Model No.	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @ 73°F
TYTP-42-50	50	1	4	2	400
TYTP-42-100	100	1	4	2	400
TYTP-64-25	25	1	6	4	265
TYTP-64-50	50	1	6	4	265
TYTP-64-100	100	1	6	4	265
TYTP-86-25	25	1	8	6	200
TYTP-86-50	50	1	8	6	200
TYTP-86-100	100	1	8	6	200
TYTP-108-25	25	1	10	8	160
TYTP-108-50	50	1	10	8	160
TYTP-108-100	100	1	10	8	160
TYTP-1210-25	25	1	12	10	130
TYTP-1210-50	50	1	12	10	130
TYTP-1210-100	100	1	12	10	130

Sold in standard lengths of 25, 50, and 100'.

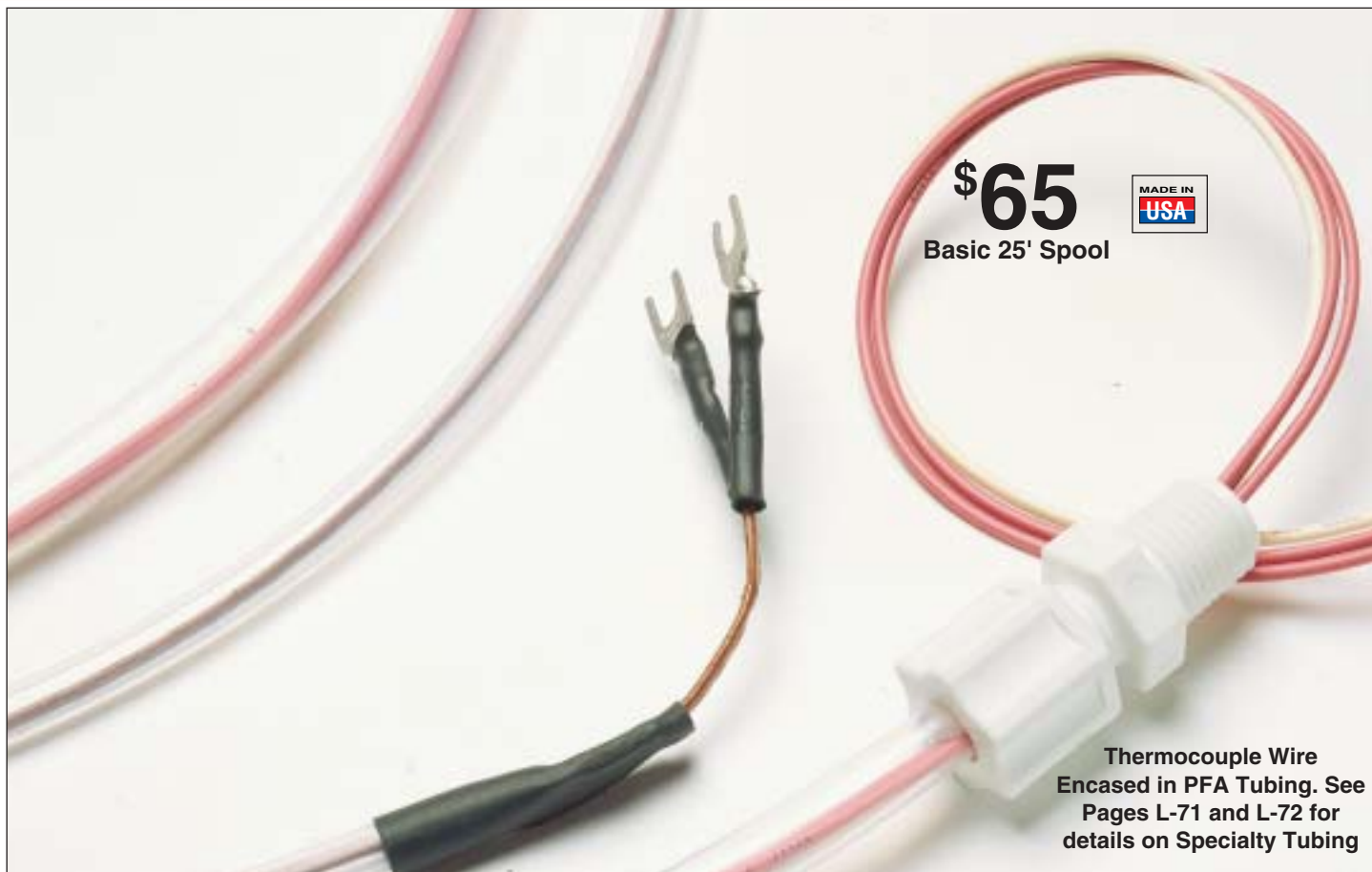
Ordering Example: TYTP-86-50, 50' of tubing, 1 mm wall, 8 mm OD, 6 mm ID.



3/8 to 2 1/8" OD TUBING					
Model No.	Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi @ 73°F
TYTP-38516-25	25	0.03	3/8	5/16	105
TYTP-38516-50	50	0.03	3/8	5/16	105
TYTP-38516-100	100	0.03	3/8	5/16	105
TYTP-716516-25	25	0.063	7/16	5/16	195
TYTP-716516-50	50	0.063	7/16	5/16	195
TYTP-716516-100	100	0.063	7/16	5/16	195
TYTP-71638-25	25	0.03	7/16	3/8	90
TYTP-71638-50	50	0.03	7/16	3/8	90
TYTP-71638-100	100	0.03	7/16	3/8	90
TYTP-1238-25	25	0.063	1/2	3/8	425
TYTP-1238-50	50	0.063	1/2	3/8	425
TYTP-1238-100	100	0.063	1/2	3/8	425
TYTP-916716-25	25	0.063	9/16	7/16	150
TYTP-916716-50	50	0.063	9/16	7/16	150
TYTP-916716-100	100	0.063	9/16	7/16	150
TYTP-91612-25	25	0.03	9/16	1/2	70
TYTP-91612-50	50	0.03	9/16	1/2	70
TYTP-91612-100	100	0.03	9/16	1/2	70
TYTP-5812-25	25	0.063	5/8	1/2	135
TYTP-5812-50	50	0.063	5/8	1/2	135
TYTP-5812-100	100	0.063	5/8	1/2	135
TYTP-3458-25	25	0.063	3/4	5/8	115
TYTP-3458-50	50	0.063	3/4	5/8	115
TYTP-3458-100	100	0.063	3/4	5/8	115
TYTP-178-25	25	0.063	1	7/8	85
TYTP-1101-5	5 Straight	0.05	1.10	1	60
TYTP-1181-5	5 Straight	0.063	1 1/8	1	75

Ordering Example: TYTP-5812-100, 100', 0.063" wall, 5/8" OD, 1/2" ID.

**TYPON PFA Formulation,
Metric Diameters**



\$65
Basic 25' Spool



Thermocouple Wire
Encased in PFA Tubing. See
Pages L-71 and L-72 for
details on Specialty Tubing

4 mm to 16 mm OD Metric Diameters						
Model No.	Price	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @ 23°C/73°F
TYTP-42-50	\$107	50	1	4	2	400
TYTP-42-100	213	100	1	4	2	400
TYTP-64-25	65	25	1	6	4	265
TYTP-64-50	130	50	1	6	4	265
TYTP-64-100	260	100	1	6	4	265
TYTP-86-25	100	25	1	8	6	200
TYTP-86-50	200	50	1	8	6	200
TYTP-86-100	400	100	1	8	6	200
TYTP-108-25	134	25	1	10	8	160
TYTP-108-50	268	50	1	10	8	160
TYTP-108-100	536	100	1	10	8	160
TYTP-1210-25	157	25	1	12	10	130
TYTP-1210-50	314	50	1	12	10	130
TYTP-1210-100	628	100	1	12	10	130
TYTP-1412-25	175	25	1	14	12	110
TYTP-1412-50	350	50	1	14	12	110
TYTP-1412-100	700	100	1	14	12	110
TYTP-1614-25	245	25	1	16	14	100
TYTP-1614-50	490	50	1	16	14	100
TYTP-1614-100	980	100	1	16	14	100

**To Order, Specify
Model Number**



Specialty Tubing Available!
See Pages L-71 and L-72 for details

Sold in standard lengths of 25, 50, and 100 ft.





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PTFE tubing is the most flexible of the three fluoropolymer tubings. This product handles temperatures ranging from -79 to 260°C (-110 to 500°F) continuous service. It is translucent milky-white to white in appearance, depending upon the type of PTFE resin used in manufacturing. Batch process manufacturing limits lengths, depending upon the size of the tubing.

PTFE tubing has excellent chemical resistance properties and can be used with almost all chemicals and solvents. PTFE tubing is FDA approved.

Specifications*

- ASTM:** 3295
- Hardness, Shore D:** 50-55
- Specific Gravity:** 2.13-2.2
- Elongation at Break:** 250-450%
- Tensile Strength:** 3200 psi
- Brittle Temperature:** 170°C (-275°F)
- Service Temp:** -79 to 260°C (-110 to 500°F)
- Minimum Bend Radius:**
Eight times tube OD

**Specifications given are typical. Field testing is recommended to find the actual operating specifications in the given application.
 Sold by standard coil length only.
 TFE is coiled in 25-ft. no-splice package, 50-ft maximum two-splice package, or 100-ft maximum three-splice package.*



To Order					
1/16 to 3/8" OD TUBING					
Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi@73°F
TYTT-116132-100	100	0.016	1/16	1/32	325
TYTT-18116-25	25	0.03	1/8	1/16	300
TYTT-18116-50	50	0.03	1/8	1/16	300
TYTT-18116-100	100	0.03	1/8	1/16	300
TYTT-532332-50	50	0.03	5/32	3/32	245
TYTT-532332-100	100	0.03	5/32	3/32	245
TYTT-31618-50	50	0.03	3/16	1/8	200
TYTT-31618-100	100	0.03	3/16	1/8	200
TYTT-1418-50	50	0.063	1/4	1/8	320
TYTT-1418-100	100	0.063	1/4	1/8	320
TYTT-14532-25	25	0.047	1/4	5/32	240
TYTT-14532-50	50	0.047	1/4	5/32	240
TYTT-14532-100	100	0.047	1/4	5/32	240
TYTT-14316-25	25	0.03	1/4	3/16	150
TYTT-14316-50	50	0.03	1/4	3/16	150
TYTT-14316-100	100	0.03	1/4	3/16	150
TYTT-516316-50	50	0.063	5/16	3/16	255
TYTT-516316-100	100	0.063	5/16	3/16	255
TYTT-51614-50	50	0.03	5/16	1/4	120
TYTT-51614-100	100	0.03	5/16	1/4	120
TYTT-3814-25	25	0.063	3/8	1/4	215
TYTT-3814-50	50	0.063	3/8	1/4	215
TYTT-3814-100	100	0.063	3/8	1/4	215
TYTT-38516-25	25	0.03	3/8	5/16	100

Consult Sales for available non-standard colors.

Ordering Example: TYTT-1418-100, 100', 0.063" wall, 1/4" OD, 1/8" ID.



4 to 16 mm OD TUBING, METRIC DIAMETERS					
Model No.	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @73°F
TYTT-42-25	25	1	4	2	320
TYTT-42-50	50	1	4	2	320
TYTT-42-100	100	1	4	2	320
TYTT-64-25	25	1	6	4	210
TYTT-64-50	50	1	6	4	210
TYTT-64-100	100	1	6	4	210
TYTT-108-25	25	1	10	8	125
TYTT-108-50	50	1	10	8	125
TYTT-108-100	100	1	10	8	125
TYTT-1210-25	25	1	12	10	105
TYTT-1210-50	50	1	12	10	105
TYTT-1210-100	100	1	12	10	105
TYTT-1412-25	25	1	14	12	90
TYTT-1412-50	50	1	14	12	90
TYTT-1412-100	100	1	14	12	90

Ordering Example: TYTT-1412-100, 100' of tubing, 1 mm wall, 14 mm OD, 12 mm ID.

3/8 to 1.10" OD TUBING					
Model No.	Std Length (ft)	Wall (inch)	OD (inch)	ID (inch)	psi @73°F
TYTT-716516-25	25	0.063	7/16	5/16	185
TYTT-716516-50	50	0.063	7/16	5/16	185
TYTT-716516-100	100	0.063	7/16	5/16	185
TYTT-71638-25	25	0.03	7/16	3/8	85
TYTT-71638-50	50	0.03	7/16	3/8	85
TYTT-71638-100	100	0.03	7/16	3/8	85
TYTT-1238-25	25	0.063	1/2	3/8	160
TYTT-1238-50	50	0.063	1/2	3/8	160
TYTT-1238-100	100	0.063	1/2	3/8	160
TYTT-12716-25	25	0.03	1/2	7/16	75
TYTT-12716-50	50	0.03	1/2	7/16	75
TYTT-12716-100	100	0.03	1/2	7/16	75
TYTT-916716-25	25	0.063	9/16	7/16	140
TYTT-916716-50	50	0.063	9/16	7/16	140
TYTT-916716-100	100	0.063	9/16	7/16	140
TYTT-91612-25	25	0.03	9/16	1/2	65
TYTT-91612-50	50	0.03	9/16	1/2	65
TYTT-91612-100	100	0.03	9/16	1/2	65
TYTT-5812-25	25	0.063	5/8	1/2	130
TYTT-5812-50	50	0.063	5/8	1/2	130
TYTT-5812-100	100	0.063	5/8	1/2	130
TYTT-3458-25	25	0.063	3/4	5/8	105
TYTT-3458-50	50	0.063	3/4	5/8	105
TYTT-3458-100	100	0.063	3/4	5/8	105
TYTT-341116-25	25	0.032	3/4	11/16	55
TYTT-341116-50	50	0.032	3/4	11/16	55
TYTT-341116-100	100	0.032	3/4	11/16	55
TYTT-7834-5	5 Straight	0.063	7/8	3/4	90
TYTT-1101-5	5 Straight	0.05	1.10	1	55
TYTT-38516-50	50	0.03	3/8	5/16	100
TYTT-38516-100	100	0.03	3/8	5/16	100

Ordering Example: TYTT-341116-100, 100' of tubina, 0.032" wall, 3/4" OD, 11/16" ID.

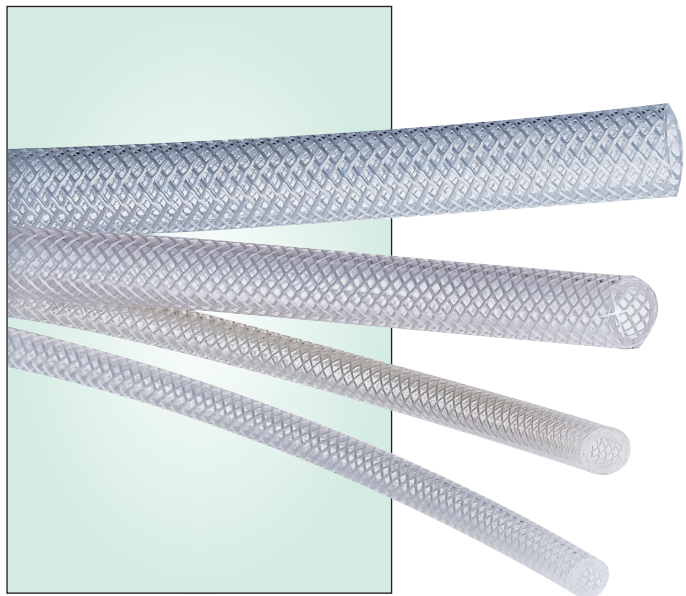


PTFE FORMULATION

TYTT-42-50

\$55

50' Spool



Think of OMEGA for Specialty Tubing!

- ✓ Coiled
- ✓ Kevlar® Wrapping
- ✓ Plastic and Metal Overbraiding
- ✓ Flexible Styles
- ✓ Custom Lengths



ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

4 to 16 mm OD TUBING, METRIC DIAMETERS

Model No.	Price	Std Length (ft)	Wall (mm)	OD (mm)	ID (mm)	psi @73°F
TYTT-42-50	\$55	50	1	4	2	320
TYTT-42-100	110	100	1	4	2	320
TYTT-64-50	85	50	1	6	4	210
TYTT-64-100	170	100	1	6	4	210
TYTT-86-50	144	50	1	8	6	160
TYTT-86-100	208	100	1	8	6	160
TYTT-108-25	100	25	1	10	8	125
TYTT-108-50	200	50	1	10	8	125
TYTT-108-100	400	100	1	10	8	125
TYTT-1210-25	110	25	1	12	10	105
TYTT-1210-50	220	50	1	12	10	105
TYTT-1210-100	440	100	1	12	10	105
TYTT-1412-25	130	25	1	14	12	90
TYTT-1412-50	260	50	1	14	12	90
TYTT-1412-100	520	100	1	14	12	90
TYTT-1614-25	160	25	1	16	14	80
TYTT-1614-50	320	50	1	16	14	80
TYTT-1614-100	640	100	1	16	14	80

Field testing is recommended to find the actual operating specifications in the given application.

Note: TFE is translucent white.

Sold in standard lengths of 25, 50, and 100'. TFE is coiled in 25' no-splice package, 50' maximum 2-splice package or 100' maximum 3-splice package.

Ordering Example: TYTT-1412-100, 100' of tubing, 1 mm wall, 14 mm OD, 12 mm ID, \$520.



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More than 100,000 Products Available!

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Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• **Flow and Level**

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• **pH and Conductivity**

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• **Data Acquisition**

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• **Pressure, Strain and Force**

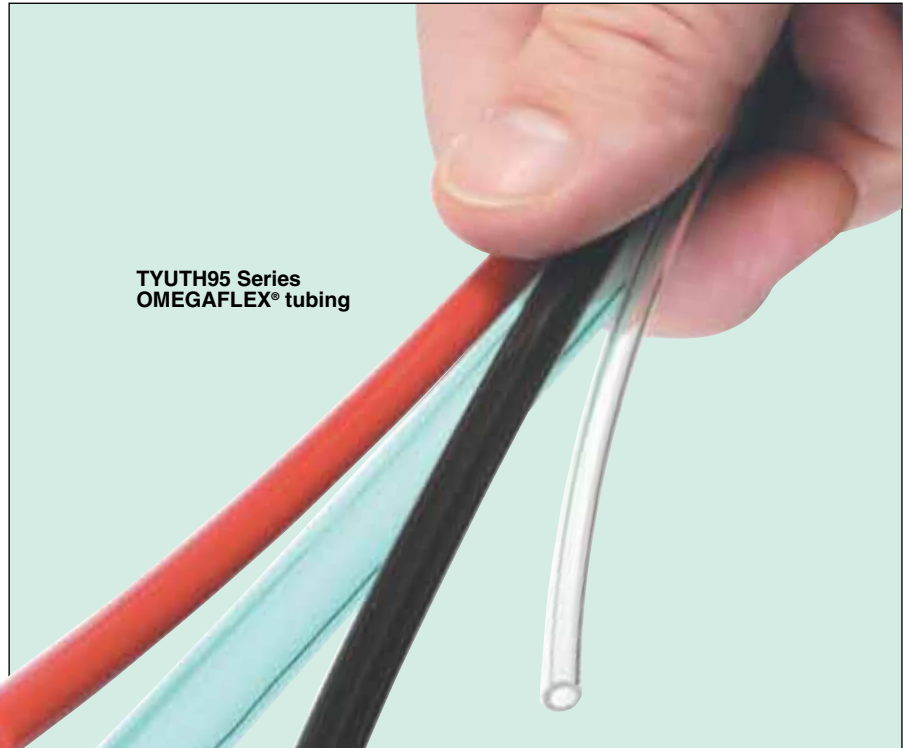
Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• **Heaters**

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters

Polyurethane, 95A Shore Durometer, Ether-Based**TYUTH95 Series**

- ✓ **Kink and Abrasion Resistant**
- ✓ **Resistant to Chemicals, Water, Fuel, Oil and Fungus**
- ✓ **Variety of Colors Available in Both Transparent and Opaque Versions**
- ✓ **Outstanding Flexibility and Memory**
- ✓ **Temperature Range -40 to 73°C (-40 to 165°F)**
- ✓ **Vacuum rating to 28" Hg**
- ✓ **In Stock Colors—Black, Red, Blue, Clear, Translucent Blue (Other Colors Available)**



OMEGA's TYUTH95 Series polyurethane tubing with its resistance to chemicals, water, fuel, oil and fungus is well suited to a variety of applications. This product is extremely flexible and highly resistant to abrasion and kinking. In addition, polyurethane has excellent "memory" and can be stretched and flexed, but will return to its original shape.

SPECIFICATIONS

Temperature Range: -40 to 73°C (-40 to 165°F)

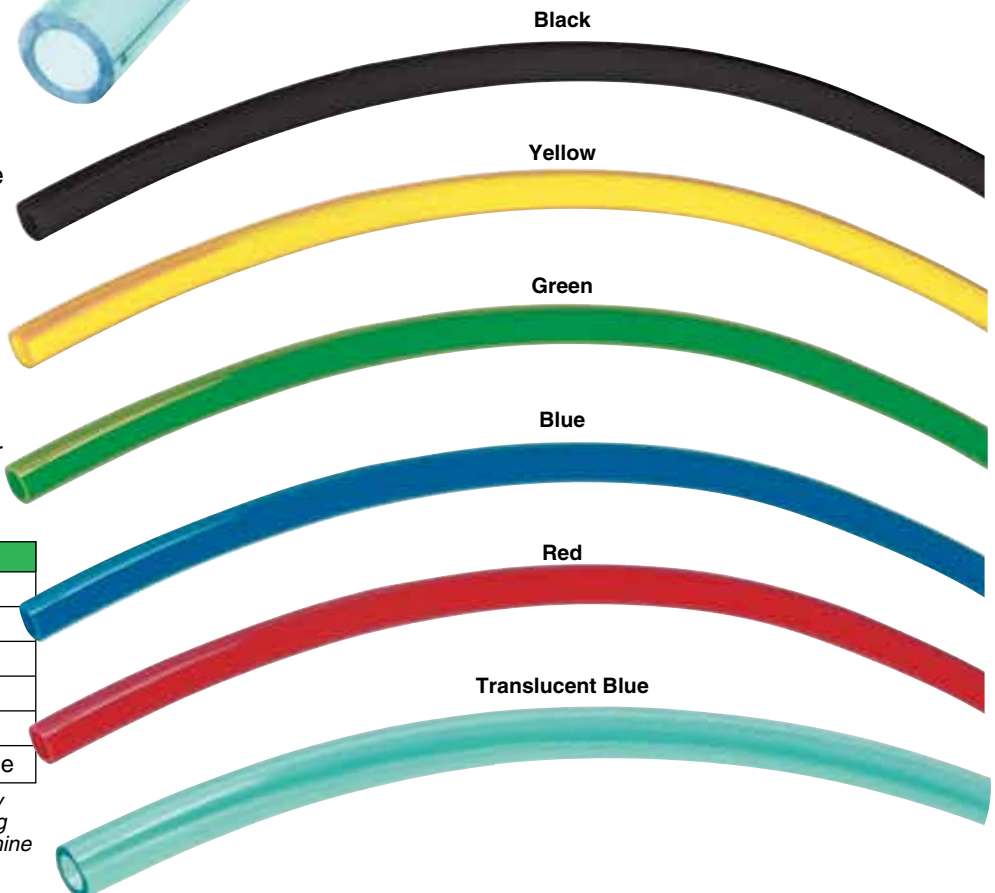
Vacuum Rating: To 28" Hg

Working Pressure: 3:1 Safety factor

Color Options

CODE	COLOR
-BLK	Black
-Y	Yellow
-GN	Green
-BL	Blue
-R	Red
-TRBL	Translucent Blue

Note: Specifications listed are meant only as a guide. Each user must test the tubing under their operating conditions to determine the tubing's suitability for the particular application.





To Order

Polyurethane Ether Tubing, 95A Shore Durometer

Model No.	OD (inch)	ID (inch)	Dia. Tol. (inch)	Standard Coil Length (ft)	Wall (inch)	Working PSI @ 24°C (75°F)	Weight (lbs)
TYUTH95-18066-100	0.125	0.066	±0.005	100	0.030	255	0.44
TYUTH95-18066-50	0.125	0.066	±0.005	50	0.030	255	0.22
TYUTH95-532332-100	0.156	0.094	±0.005	100	0.031	210	0.62
TYUTH95-532332-50	0.156	0.094	±0.005	50	0.031	210	0.31
TYUTH95-316107-100	0.188	0.107	±0.005	100	0.041	220	0.92
TYUTH95-316107-50	0.188	0.107	±0.005	50	0.041	220	0.46
TYUTH95-1418-100	0.250	0.125	±0.005	100	0.063	265	1.83
TYUTH95-1418-50	0.250	0.125	±0.005	50	0.063	265	0.92
TYUTH95-14160-100	0.250	0.160	±0.005	100	0.045	175	1.44
TYUTH95-14160-50	0.250	0.160	±0.005	50	0.045	175	0.72
TYUTH95-38245-100	0.375	0.245	±0.005	100	0.065	170	3.15
TYUTH95-38245-50	0.375	0.245	±0.005	50	0.065	170	1.58

Polyurethane Ether Tubing, 95A Shore Durometer, Metric Sizes

Model No.	OD (mm)	ID (mm)	Dia. Tol. (mm)	Standard Coil Length (meters)	Wall (mm)	Working PSI @ 24°C (75°F)	Weight (lbs)
TYUTH95-318-30	3.0	1.8	±0.127	30	0.6	230	0.44
TYUTH95-318-15	3.0	1.8	±0.127	15	0.6	230	0.22
TYUTH95-424-30	4.0	2.4	±0.127	30	0.8	210	0.62
TYUTH95-424-15	4.0	2.4	±0.127	15	0.8	210	0.31
TYUTH95-64-30	6.0	4.0	±0.127	30	1.0	160	0.92
TYUTH95-64-15	6.0	4.0	±0.127	15	1.0	160	0.46
TYUTH95-85-30	8.0	5.0	±0.127	30	1.5	190	1.44
TYUTH95-85-15	8.0	5.0	±0.127	15	1.5	190	0.72

Standard color is natural (clear).

See Color Option Table for color availability and ordering codes.

Ordering Examples: TYUTH95-18066-100-BL, 100 feet of blue tubing, 0.125" OD x 0.066" ID, ether-based polyurethane tubing with working pressure of 255 psi.

TYUTH95-38245-100-BLK, 100 feet of black tubing, 3/8" OD x 0.245" ID, ether-based polyurethane tubing with working pressure of 170 psi.

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 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.

VINYL TUBING



To Order						
1 ¹ / ₁₆ to 4 ³ / ₄ " 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 ¹ / ₁₆	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 ³ / ₁₆	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 ¹ / ₈	3/4	44	31.20
TYVY-11434-100	100	1/4	1 ¹ / ₄	3/4	44	44.30
TYVY-11878-50	50	1/8	1 ¹ / ₈	7/8	30	22.10
TYVY-11878-100	100	1/8	1 ¹ / ₈	7/8	30	22.10
TYVY-1141-100	100	1/8	1 ¹ / ₄	1	28	25.00
TYVY-1381-100	100	3/16	1 ³ / ₈	1	45	39.40
TYVY-1121-50	50	1/4	1 ¹ / ₂	1	50	55.00
TYVY-1121-100	100	1/4	1 ¹ / ₂	1	50	55.00
TYVY-112114-100	100	1/8	1 ¹ / ₂	1 ¹ / ₄	22	30.50
TYVY-158114-50	50	3/16	1 ⁵ / ₈	1 ¹ / ₄	31	47.80
TYVY-158114-100	100	3/16	1 ⁵ / ₈	1 ¹ / ₄	31	47.80
TYVY-134114-50	50	1/4	1 ³ / ₄	1 ¹ / ₄	45	66.50
TYVY-134112-100	100	1/8	1 ³ / ₄	1 ¹ / ₂	19	36.00
TYVY-178112-100	100	3/16	1 ⁷ / ₈	1 ¹ / ₂	26	56.10
TYVY-2112-50	50	1/8	2	1 ¹ / ₂	40	77.50
TYVY-2134-50	50	1/8	2	1 ³ / ₄	16	41.50
TYVY-214134-50	50	1/4	2 ¹ / ₄	1 ³ / ₄	29	80.00
TYVY-2142-50	50	1/8	2 ¹ / ₄	2	14	47.10
TYVY-2122-50	50	1/4	2 ¹ / ₂	2	35	99.70
TYVY-234214-50	50	1/4	2 ³ / ₄	2 ¹ / ₄	24	111.00
TYVY-3212-50	50	1/4	3	2 ¹ / ₂	22	122.00
TYVY-3123-50	50	1/4	3 ¹ / ₂	3	19	144.00
TYVY-4344-50	50	3/8	4 ³ / ₄	4	21	300.00

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



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