

# OMEGAFLEX® Chemical Tubing

## PTFE FORMULATION

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.



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

1/16 to 3/8" OD TUBING

Model No.	Price	Std Length (ft)	Wall (in)	OD (in)	ID (in)	psi @73°F
TYTT-116132-100	\$90	100	0.016	1/16	1/32	325
TYTT-332132-100	65	100	0.03	3/32	1/32	400
TYTT-18116-25	30	25	0.03	1/8	1/16	300
TYTT-18116-50	60	50	0.03	1/8	1/16	300
TYTT-18116-100	120	100	0.03	1/8	1/16	300
TYTT-316116-50	125	50	0.063	3/16	1/16	430
TYTT-316116-100	250	100	0.063	3/16	1/16	430
TYTT-532332-50	70	50	0.03	5/32	3/32	245
TYTT-532332-100	140	100	0.03	5/32	3/32	245
TYTT-31618-50	75	50	0.03	3/16	1/8	200
TYTT-31618-100	150	100	0.03	3/16	1/8	200
TYTT-1418-50	150	50	0.063	1/4	1/8	320
TYTT-1418-100	300	100	0.063	1/4	1/8	320
TYTT-14532-25	75	25	0.047	1/4	5/32	240
TYTT-14532-50	150	50	0.047	1/4	5/32	240
TYTT-14532-100	300	100	0.047	1/4	5/32	240
TYTT-14316-25	60	25	0.03	1/4	3/16	150
TYTT-14316-50	120	50	0.03	1/4	3/16	150
TYTT-14316-100	240	100	0.03	1/4	3/16	150
TYTT-516316-50	180	50	0.063	5/16	3/16	255
TYTT-516316-100	360	100	0.063	5/16	3/16	255
TYTT-51614-50	180	50	0.03	5/16	1/4	120
TYTT-51614-100	360	100	0.03	5/16	1/4	120
TYTT-3814-25	140	25	0.063	3/8	1/4	215
TYTT-3814-50	280	50	0.063	3/8	1/4	215
TYTT-3814-100	560	100	0.063	3/8	1/4	215
TYTT-38516-25	70	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, \$300.

Specialty Tubing Available!





**Specialty Overbraided Tubing Available**

**MOST POPULAR MODELS HIGHLIGHTED!**

**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-42-25	\$40	25	1	4	2	320
TYTT-42-50	80	50	1	4	2	320
TYTT-42-100	160	100	1	4	2	320
TYTT64-25	65	25	1	6	4	210
TYTT-64-50	110	50	1	6	4	210
TYTT-64-100	220	100	1	6	4	210
TYTT-108-25	125	25	1	10	8	125
TYTT-108-50	250	50	1	10	8	125
TYTT-108-100	500	100	1	10	8	125
TYTT-1210-25	150	25	1	12	10	105
TYTT-1210-50	300	50	1	12	10	105
TYTT-1210-100	600	100	1	12	10	105
TYTT-1412-25	225	25	1	14	12	90
TYTT-1412-50	450	50	1	14	12	90
TYTT-1412-100	900	100	1	14	12	90
TYTT-1614-25	210	25	1	16	14	80
TYTT-1614-50	420	50	1	16	14	80
TYTT-1614-100	840	100	1	16	14	80

Ordering Example: TYTT-1412-100, 100' of tubing, 1 mm wall, 14 mm OD, 12 mm ID, \$900.

**3/8 to 1.10" OD TUBING**

Model No.	Price	Std Length (ft)	Wall (in)	OD (in)	ID (in)	psi @73°F
TYTT-716516-25	160	25	0.063	7/16	3/8	185
TYTT-716516-50	320	50	0.063	7/16	3/8	185
TYTT-716516-100	640	100	0.063	7/16	3/8	185
TYTT-71638-25	80	25	0.03	7/16	3/8	85
TYTT-71638-50	160	50	0.03	7/16	3/8	85
TYTT-71638-100	320	100	0.03	7/16	3/8	85
TYTT-1238-25	185	25	0.063	1/2	3/8	160
TYTT-1238-50	370	50	0.063	1/2	3/8	160
TYTT-1238-100	740	100	0.063	1/2	3/8	160
TYTT-12716-25	125	25	0.03	1/2	7/16	75
TYTT-12716-50	250	50	0.03	1/2	7/16	75
TYTT-12716-100	500	100	0.03	1/2	7/16	75
TYTT-916716-25	200	25	0.063	9/16	7/16	140
TYTT-916716-50	400	50	0.063	9/16	7/16	140
TYTT-916716-100	800	100	0.063	9/16	7/16	140
TYTT-91612-25	130	25	0.03	9/16	1/2	65
TYTT-91612-50	260	50	0.03	9/16	1/2	65
TYTT-91612-100	520	100	0.03	9/16	1/2	65
TYTT-5812-25	240	25	0.063	5/8	1/2	130
TYTT-5812-50	480	50	0.063	5/8	1/2	130
TYTT-5812-100	960	100	0.063	5/8	1/2	130
TYTT-1116916-100	1060	100	0.063	1 1/16	9/16	140
TYTT-111658-25	120	25	0.03	1 1/16	5/8	55
TYTT-111658-50	240	50	0.03	1 1/16	5/8	55
TYTT-111658-100	480	100	0.03	1 1/16	5/8	55
TYTT-3458-25	300	25	0.063	3/4	5/8	105
TYTT-3458-50	600	50	0.063	3/4	5/8	105
TYTT-3458-100	1200	100	0.063	3/4	5/8	105
TYTT-341116-25	125	25	0.032	3/4	1 1/16	55
TYTT-341116-50	250	50	0.032	3/4	1 1/16	55
TYTT-341116-100	500	100	0.032	3/4	1 1/16	55
TYTT-7834-5	150	5 Straight	0.063	7/8	3/4	90
TYTT-1101-5	100	5 Straight	0.05	1.10	1	55
TYTT-38516-50	\$140	50	0.03	3/8	5/16	100
TYTT-38516-100	280	100	0.03	3/8	5/16	100

Ordering Example: TYTT-341116-100, 100' of tubing, 0.032" wall, 3/4" OD, 1 1/16" ID, \$500.

**T-X**





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