

# TRODEKSFLEX® *CHEMICAL TUBING*

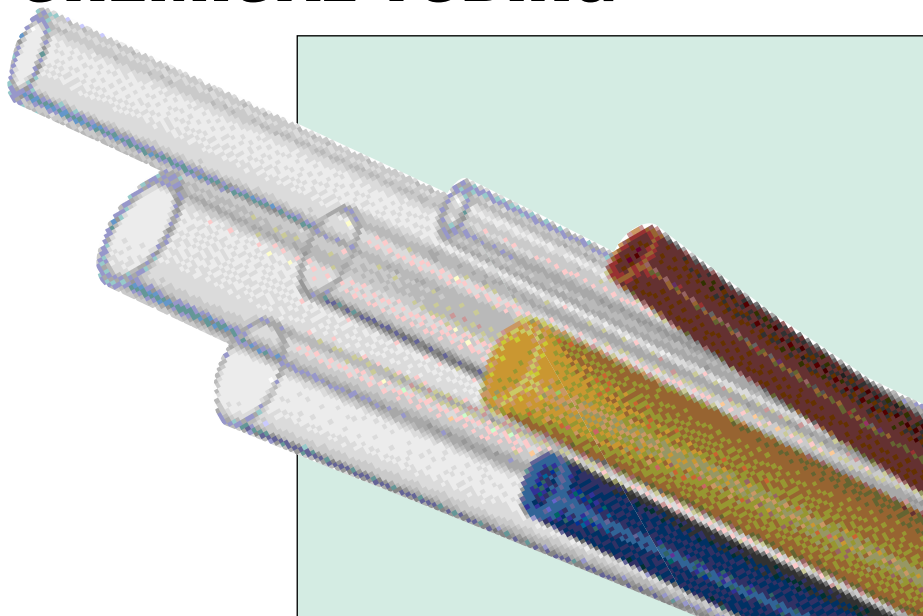
**FEP Formulation**

## TYTF Series



By Part Number

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

$\frac{3}{32}$  to  $\frac{3}{8}$ " OD Tubing

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

## 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-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.

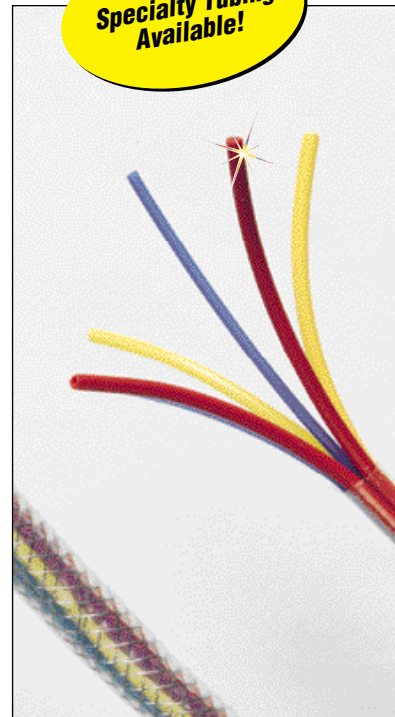
**Notes:** FEP is clear in color and can be heat sealed and heat bonded.

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.

Specialty Tubing Available!



## 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.

Specialty Tubing Available!

