

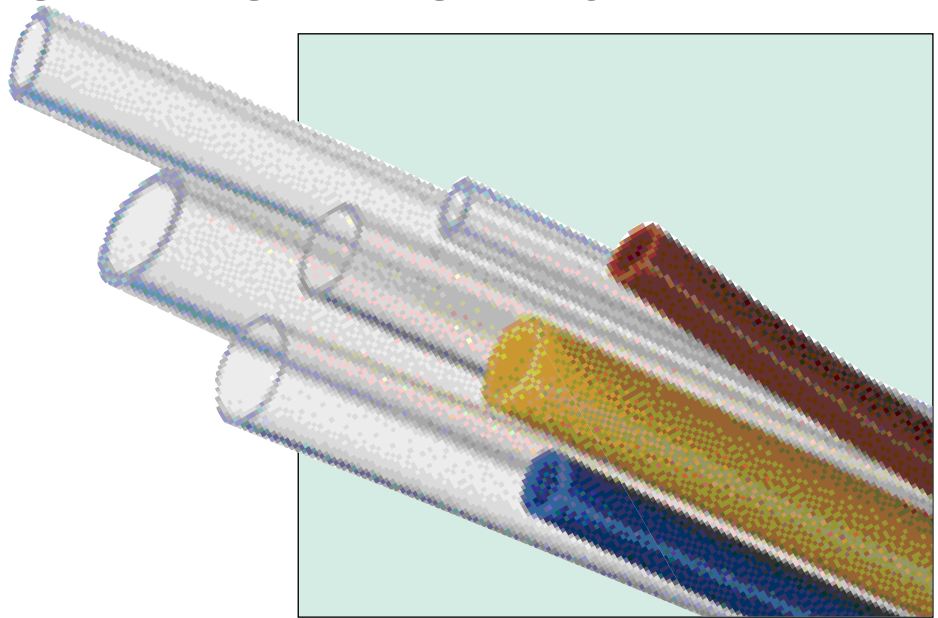
OMEGAFLEX® CHEMICAL TUBING

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

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.

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 |

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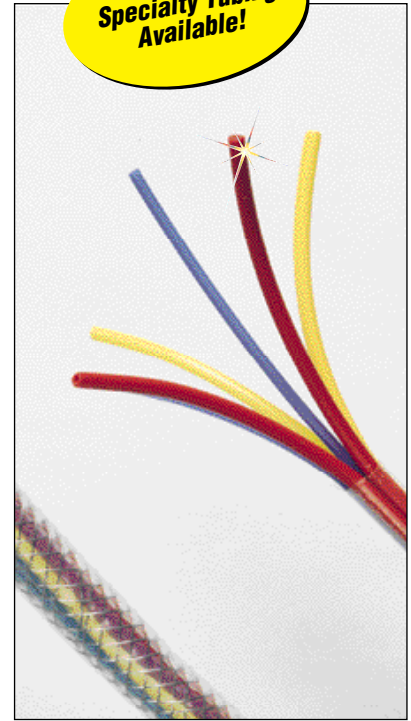
Notes: FEP is clear in color and can be heat sealed and heat bonded.

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 |

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Specialty Tubing Available!

