



## ETFE1.5

### 1.5:1 SHRINK RATIO, ETHYLENE TETRAFLUOROETHYLENE TUBING

#### Applications

ETFE 1.5 is a flame retardant heat shrinkable ethylene tetrafluoroethylene tube. ETFE 1.5 is similar to FEP except that it has a higher tensile strength. It is used for high abrasive applications and is much stiffer than FEP.

#### Features

- ★ Shrink ratio: 1.5:1 shrink ratio in the radial direction,  $\pm 10\%$  in the axial direction
- ★ Continuous operating temperature:  $-100\text{ }^{\circ}\text{C}$  to  $+150\text{ }^{\circ}\text{C}$  ( $-148\text{ }^{\circ}\text{F}$  to  $+302\text{ }^{\circ}\text{F}$ )
- ★ Highly heat-resistant
- ★ High resistance to chemicals and oils

#### Standards

- ★ Declared Dimension Life (DDL) - 12 years
- ★ Meets V-0 Flammability
- ★ RoHS & REACH Compliant

#### Specification Values

	Property	Test Method	Value
Physical	Specific Gravity (Max.)	ASTM D792	1.73
	Elongation (Min.)	ASTM D638	200%
	Tensile Strength (Min.)	ASTM D638	6500 psi
	Hardness Durometer	ASTM D2240	D-75
Electrical	Dielectric Strength	ASTM D149	2000 Volts/mil (Breakdown Volts min. 10000)
	Volume Resistivity (Min.)	ASTM D257	$10^{15}\ \Omega \cdot \text{cm}$
General	Chemical/Solvent Resistance	-	Excellent
	Water Absorption (Max.)	ASTM D570	0.1
	Flammability Rating	UL 94	V-0

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*Dunbar Products, LLC*  
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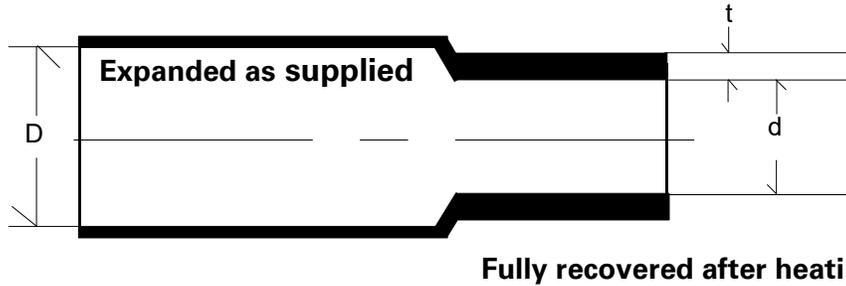


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## Product Dimensions

Minimum Shrink Temperature: 175 °C

Size	Expanded		Recovered			
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Wall Thickness (Nominal) (t)	
	in	mm	in	mm	in	mm
3/32"	.093	2.36	.062	1.57	.010 ± .002	.254 ± .051
1/8"	.125	3.18	.083	2.11	.010 ± .002	.254 ± .051
3/16"	.187	4.78	.125	3.18	.011 ± .002	.279 ± .051
1/4"	.250	6.35	.166	4.22	.013 ± .003	.330 ± .076
3/8"	.375	9.53	.250	6.35	.013 ± .003	.330 ± .076
1/2"	.500	12.70	.345	8.76	.013 ± .003	.330 ± .076
3/4"	.750	19.05	.500	12.70	.018 ± .004	.457 ± .102
1"	1.00	25.40	.665	16.89	.022 ± .004	.559 ± .102
1-1/4"	1.25	31.75	.835	21.21	.030 ± .004	.762 ± .102
1-1/2"	1.50	38.10	1.00	25.40	.030 ± .004	.762 ± .102

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