



# FEP1.6

## 1.6:1 SHRINK RATIO, FLUORINATED ETHYLENE PROPYLENE TUBING

### Applications

FEP1.6 is a flame retardant heat shrinkable fluorinated ethylene propylene tube. It has a high shrink ratio with a medium wall.

### Features

- ★ In stock for immediate shipments
- ★ Shrink ratio: 1.6:1 shrink ratio in the radial direction, ± 15% in the axial direction
- ★ Continuous operating temperature: - 75 °C to 200 °C (-103 °F to +392 °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	2.15
	Elongation (Min.)	ASTM D638	200%
	Tensile Strength (Min.)	ASTM D638	2000 psi
	Hardness Durometer	ASTM D2240	D-55
Electrical	Dielectric Strength	ASTM D149	2000 Volts/mil
	Volume Resistivity (Min.)	ASTM D257	10 <sup>17</sup> Ω · cm
General	Chemical/Solvent Resistance	-	Excellent
	Water Absorption (Max.)	ASTM D570	0.01
	Flammability Rating	UL 94	V-0

Rev. January 2024



Dunbar Products, LLC  
Tubing and Identification Products

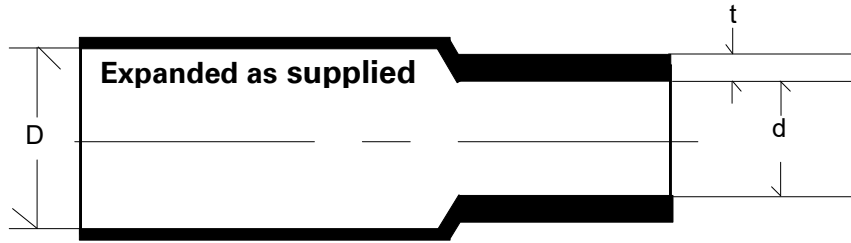


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Fully recovered after heating

### Product Dimensions

Minimum Shrink Temperature: 210 °C  
(over 1" Dia. 221 °C)

Size (nominal expanded)	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	.056	1.42	.008 ± .003	.203 ± .076
1/8"	.125	3.18	.075	1.91	.010 ± .003	.254 ± .076
3/16"	.188	4.78	.115	2.92	.010 ± .003	.254 ± .076
1/4"	.250	6.35	.150	3.81	.010 ± .003	.254 ± .076
3/8"	.375	9.53	.225	5.72	.012 ± .003	.305 ± .076
1/2"	.500	12.70	.300	7.62	.015 ± .004	.381 ± .102
3/4"	.750	19.05	.450	11.43	.020 ± .004	.508 ± .102
1"	1.00	25.40	.600	15.24	.025 ± .005	.635 ± .127
1-1/2"	1.50	38.10	.900	22.86	.030 ± .005	.762 ± .127
2"	2.00	50.80	1.200	30.46	.030 ± .005	.762 ± .127

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