

RoHS  
Compliant



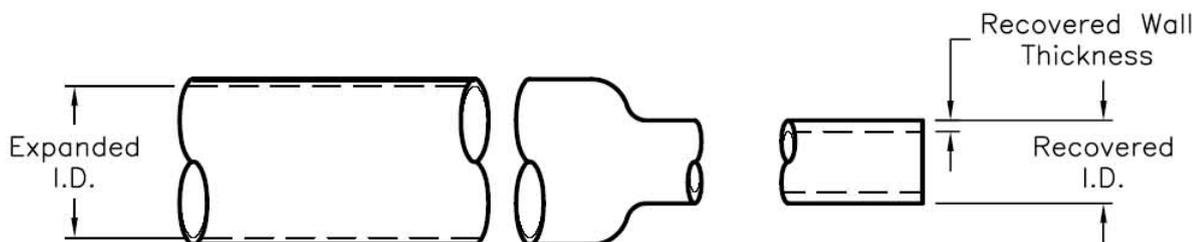
## Fluorinated Ethylene Propylene (FEP) Heat Shrink (HS)

Single wall heat shrink, provides the chemical and thermal characteristics of PTFE as well as the shrinking ability over inserted objects with exposure to moderate heat. Partial shrinkage occurs at 250°F with complete recovery at 450°F, with uses including soldered joints, parts, components, and fittings made of plastic, metal, or wood. During the shrink process on long objects, excess growth may cause wrinkles unless the tubing is allowed to slide forward over the object.

### Specifications

Shrink Ratio	: 1.67:1
Unrestricted Shrinkage Temperature	: 1" and below: 410°F (210°C) Over 1" Dia.: 430°F (221°C)
Maximum Service Temperature	: -100°F to +400°F (-73°C to +200°C)
Colour	: Translucent
Dielectric Strength	: 1400 Volts/Mil
Dielectric Constant	: 2.1 @ 100Hz ~ 60MHz
Applicable Specifications	: AMS-DTL-23053/11; ASTM D 2902 Type II
Volume Resistivity	: >10 <sup>18</sup> Ω.cm
Tensile Strength	: 2700 ~ 3500 PSI
Elongation	: 200% ~ 350%
Longitudinal Change	: ±15%
Specific Gravity	: 2.15 grams/cm <sup>3</sup>
Water Absorption	: ≤0.01%
Flexibility	: 3 (Material is rated on a scale of 1 ~ 10 for Flexibility; 1= Most Flexible and 10 = Most Rigid)
Flammability	: UL94V-0 for resin
Good Abrasion Resistance	
Excellent fungus, chemical, oil, solvent, and acids resistance	

### Diagram



Dimensions				Dimensions					
Size	Expanded I.D. (Min) (Inches)	Recovered I.D. (Max) (Inches)	Recovered Wall Thickness (Inches)	2 Foot Lengths			6 Inch Lengths		
				Part Number	Pcs.	Total Footage (FT)	Part Number	Pcs.	Total Footage (FT)
3/32"	0.093	0.056	0.008 ±0.003	SST-006-2025-CLR	25	50	SST-006-6025-CLR	25	12.5
1/8"	0.125	0.075	0.01 ±0.003	SST-008-2025-CLR	25	50	SST-008-6025-CLR	25	12.5
3/16"	0.188	0.115	0.01 ±0.003	SST-012-2025-CLR	25	50	SST-012-6025-CLR	25	12.5
1/4"	0.25	0.15	0.01 ±0.003	SST-016-2025-CLR	25	50	SST-016-6025-CLR	25	12.5
3/8"	0.375	0.225	0.012 ±0.003	SST-024-2025-CLR	25	50	SST-024-6025-CLR	25	12.5
1/2"	0.5	0.3	0.015 ±0.004	SST-032-2025-CLR	25	50	SST-032-6025-CLR	25	12.5
3/4"	0.75	0.45	0.02 ±0.004	SST-048-2025-CLR	25	50	SST-048-6025-CLR	25	12.5
1"	1	0.6	0.025 ±0.005	SST-064-2025-CLR	25	50	SST-064-6025-CLR	25	12.5
1-1/2"	1.5	0.9	0.03 ±0.005	SST-096-2025-CLR	25	50	SST-096-6025-CLR	25	12.5
2"	2	1.2	0.03 ±0.005	SST-128-2025-CLR	25	50	SST-128-6025-CLR	25	12.5

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