



REVISIONS

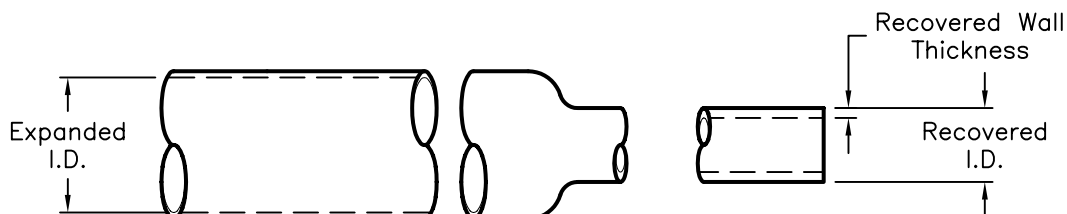
DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1188	C	UPDATED TO TABULAR SPEC	HYO	9/7/01	JC	9/10/01	JC	9/10/01
1892	D	Update To RoHS Compliant	EO	3/27/06	HO	3/28/06	HO	3/28/06

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.

Dimensions				Standard Packages					
Size	Expanded I.D. (Min) (Inches)	Recovered I.D. (Max) (Inches)	Recovered Wall Thickness (Inches)	2 Foot Lengths			6 Inch Lengths		
				SPC Type No.	Pcs.	Total Footage (FT)	SPC Type No.	Pcs.	Total Footage (FT)
3/32"	0.093	0.056	0.008 ± 0.003	SST-006-2050-CLR	50	100	SST-006-6025-CLR	25	12.5
1/8"	0.125	0.075	0.010 ± 0.003	SST-008-2050-CLR	50	100	SST-008-6025-CLR	25	12.5
3/16"	0.188	0.115	0.010 ± 0.003	SST-012-2025-CLR	25	50	SST-012-6025-CLR	25	12.5
1/4"	0.250	0.150	0.010 ± 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-024-2010-CLR	10	20	SST-024-6010-CLR	10	5
1/2"	0.500	0.300	0.015 ± 0.004	SST-032-2010-CLR	10	20	SST-032-6010-CLR	10	5
3/4"	0.750	0.450	0.020 ± 0.004	SST-048-2005-CLR	5	10	SST-048-6010-CLR	10	5
1"	1.000	0.600	0.025 ± 0.005	SST-064-2005-CLR	5	10	SST-064-6010-CLR	10	5
1 1/2"	1.500	0.900	0.030 ± 0.005	SST-096-2001-CLR	1	2	SST-096-6005-CLR	5	2.5
2"	2.000	1.200	0.030 ± 0.005	SST-128-2001-CLR	1	2	SST-128-6005-CLR	5	2.5

**Specifications:**

- Shrink Ratio: 1.67:1
- Unrestricted Shrinkage Temp:
1" and below: 410°F (210°C)
Over 1" Dia.: 430°F (221°C)
- Maximum Service Temp: -100°F ~ 400°F (-73°C ~ 200°C)
- Color: 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: >10¹⁸ OHM-CM
- Tensile Strength: 2700 ~ 3500 PSI
- Elongation: 200 ~ 350%
- Longitudinal Change: ±15%
- Specific Gravity: 2.15 grams/cm³
- Water Absorption: ≤ 0.01%
- Flexibility: 3 (Material is rated on a scale of 1 ~ 10 for Flexibility; 1= Most Flexible and 10 = Most Rigid)
- Good Abrasion Resistance
- Excellent fungus, chemical, oil, solvent, and acids resistance
- Flammability: UL94V-0 for resin

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	DANIEL CAREY	4/29/97	Single Wall Teflon Heat Shrink Tubing			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JOHN COLE	5/2/97	A	TA-407	TA-407.DWG	D
	APPROVED BY:	DATE:	SCALE: NTS		SHEET: 1 OF 1	
	BRETT BRAATZ	5/16/97	U.O.M.: INCHES			

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