



REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1364	D	Added New Parts	HO	4/17/02	DJC	4/17/02	DJC	4/17/02
1896	E	Update To RoHS Compliant	EO	3/27/06	HO	3/28/06	HO	3/28/06

RoHS
Compliant

HS Heat Shrink: Is a heat shrinkable PTFE Tubing. Upon the application of heat in excess of 350°C (662°F), the tubing shrinks and conforms to the geometry of the part to be covered. Stiffness, combined with chemical inertness, makes it an excellent strain relief for high temperature electrical connections with contaminated environments.

Size	Inside Diameter				Recovered Wall thickness		M23053/12	Standard Packages					
	Expanded I.D.		Recover I.D.					4 Foot Lengths			6 Inch Lengths		
	Inch	(mm)	Inch	(mm)	Inches	(mm)		SPC Type No.	Qty	Total Footage	SPC Type No.	Qty	Total Footage
5/64	0.078	1.98	0.025	0.635	0.009±0.002	0.229±0.051	501	8416-0887	25	100	3494	25	12.5
1/8	0.125	3.18	0.037	0.940	0.010±0.002	0.254±0.051	502	8416-0888	25	100	3495	25	12.5
3/16	0.188	4.78	0.050	1.27			503	8416-0889	25	100	3496	25	12.5
1/4	0.250	6.35	0.063	1.60			504	8416-0890	25	100	3497	25	12.5
5/16	0.313	7.95	0.078	1.98			505	8416-0891	25	100	3498	25	12.5
3/8	0.375	9.53	0.096	2.44			506	8416-0892	25	100	3499	25	12.5
7/16	0.438	11.13	0.112	2.84			507	8416-0893	25	100	3500	25	12.5
1/2	0.500	12.70	0.144	3.66			508	8416-0894	25	100	3501	10	5
5/8	0.625	15.88	0.178	4.52	0.015±0.004	0.381±0.102	510	8416-0895	8	32	3502	10	5
3/4	0.750	19.05	0.224	5.69			512	8416-0896	8	32	3503	10	5
7/8	0.875	22.23	0.244	6.20			513	8416-0897	8	32	3504	10	5
1	1.000	25.40	0.278	7.06			514	8416-0898	8	32	3505	5	2.5
1 1/4	1.250	31.75	0.347	8.81			515	8416-0899	8	32	3506	5	2.5

SPECIFICATIONS:

1. Meets Specifications:

AMS-DTL-23053/12, Class 5

ASTM D 2902 Type I

AMS 3584

2. Shrink Ratio: 4:1

3. Shrink Temperature: 662°F (350°C)

4. Continuous Operating Temperature: -100°F ~ 500°F (-73°C ~ 260°C)

5. Dielectric Strength: > 1,400 V/M

6. Dielectric Constant: 2.1

7. Volume Resistivity: <10¹⁸

8. Tensile Strength: 2,500 psi

9. Elongation: 200% Min.

10. Longitudinal Change: ± 20%

11. Specific Gravity: 2.17

12. Water Absorption: < 0.01%

13. Good flexibility and abrasion resistance

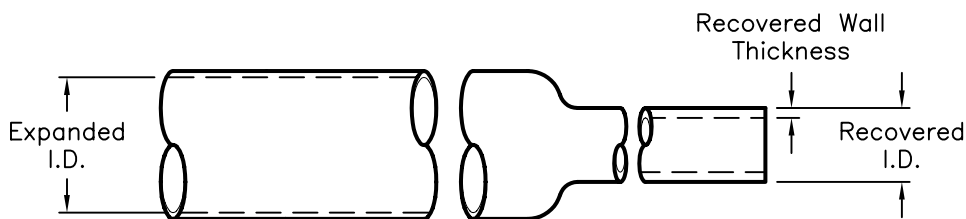
14. Excellent fungus, chemical, oil, solvent and acids resistance

15. Flammability: Not flammable

16. Standard Length: (See Chart)

17. Pieces Per Package: (See chart)

18. Color: Natural (translucent to opaque white)



SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	DANIEL CAREY	4/28/97	TEFLON HEAT SHRINK TUBING			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JOHN COLE	5/2/97	A	TA-436	TA-436.DWG	E
	APPROVED BY:	DATE:	SCALE: NTS		SHEET: 1 OF 1	
	BRETT BRAATZ	5/19/97	U.O.M.: INCHES [mm]			

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