



REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1479	A	Released	JWM	11/3/03	JN	03/31/08	JN	03/31/08

The SRM series is a semi-rigid, heat-shrinkable polyolefin tubing that is co-extruded and selectively cross-linked to provide an integral, meltable inner wall. When heated beyond the shrink temperature, the inner meltable wall of the tubing is simultaneously softened and forced by the shrink action into contact with all underlying surfaces and small voids. The SRM series provides a tough protective and insulating barrier, highly resistant to penetration by moisture and the attack of chemicals and solvents.

Shrink Ratio: 2.5:1    Shrink Temp: 135°C (275°F)    Operating Temp: - 55°C ~ 110°C (- 67°F ~ 230°)

Size	Expanded I.D. (Min)	Recovered I.D. (Max.)	Recovered Nominal Wall Thickness	Meltable Nominal Wall	Color	6 Inch Lengths (±.125")		
						SPC Type No.	Pcs	Total Footage
1/8"	.125"	.023"	.038"	.020"	Brown	SRM-008-6014-BRN	14	7 FT
3/16"	.187"	.060"	.043"	.025"	Gray	SRM-012-6012-GRY	12	6 FT
1/4"	.250"	.080"	.047"	.027"	White	SRM-016-6010-WHT	10	5 FT
3/8"	.375"	.135"	.050"	.030"	Red	SRM-024-6008-RED	8	4 FT
1/2"	.500"	.195"	.055"	.035"	Blue	SRM-032-6006-BLU	6	3 FT
3/4"	.750"	.313"	.065"	.040"	Yellow	SRM-032-6006-YLW	2	1 FT



**TYPICAL PROPERTIES**

**Physical**

Tensile Strength                    2200 PSI  
 Ultimate Elongation                400 %  
 Longitudinal Change                +1 %, -10%  
 Secant Modulus (2%)                27,000 PSI  
 \*Heat Aging                            Elongation 200 %  
   (168 hrs @ 175°C)  
 \*Heat Shock                            No dripping,  
   (4 hrs @ 250°C)                    cracking, or flowing  
 \*Low Temp Flexibility                No cracking  
   (4 hrs @ -55°C)  
 \*\*Flexibility:                            7

**Electrical**

Dielectric Strength                    900 V/mil  
 Volume Resistivity                    10<sup>15</sup> ohm-cm

**Chemical**

Corrosive Effect                        Non-corrosive  
 Fluid Resistance:  
   JR4 Skydrol 600  
   Solution gasoline                    >1500 PSI @ 600 V/mil  
   Hydraulic fluid  
 Water Absorption                        0.1 %  
 Fungus Resistance                    Non-nutrient  
 Applicable Specifications: MIL-DTL-23053/4 Class 1

\*Outer wall only.

\*\*Flexibility: The materials are rated on a scale of 1~10. (1=most flexible and 10=most rigid)

*The technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.*

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	JEFF MCVICKER	11/3/03	Heat-Shrink Tubing, Semi-Rigid Multiple Wall Polyolefin			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	Jason Nash	03/31/08	A	TA-559	TA-559.DWG	A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES	SHEET: 1 OF 1	
Jason Nash	03/31/08					

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