



# REVISIONS

DOC. 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						

ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY. DISCLAIMER: ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.