

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.

REVISIONS				DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
	B	Marking removed, Colors added, spec revised	JAP	2/20/92	JC	2/20/92	JC	2/20/92	
1199	C	Renamed—was SRM-0**—****—***	JWM	9/24/01	JC	10/16/01	JC	10/16/01	

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°)

Dimensions				Standard Packages (Black)					
Size	Expanded I.D. (Min)	Recovered I.D. (Max.)	Recovered Nominal Wall Thickness	4 Foot Lengths (+1", -0")			6 Inch Lengths (±.125")		
				SPC Type No.	Pcs	Total Footage	SPC Type No.	Pcs	Total Footage
1/8"	.125"	.023"	.038"	SRM-008-4025-BLK	25	100 FT	SRM-008-6014-BLK	14	7 FT
3/16"	.187"	.060"	.043"	SRM-012-4025-BLK	25	100 FT	SRM-012-6012-BLK	12	6 FT
1/4"	.250"	.080"	.047"	SRM-016-4025-BLK	25	100 FT	SRM-016-6010-BLK	10	5 FT
3/8"	.375"	.135"	.050"	SRM-024-4025-BLK	25	100 FT	SRM-024-6008-BLK	8	4 FT
1/2"	.500"	.195"	.055"	SRM-032-4005-BLK	5	20 FT	SRM-032-6006-BLK	6	3 FT
3/4"	.750"	.313"	.065"	SRM-048-4005-BLK	5	20 FT	N/A	---	---
1"	1.000"	.400"	.075"	SRM-064-4005-BLK	5	20 FT	SRM-064-6002-BLK	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^{15} 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

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.



SPC TECHNOLOGY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY: JAP DATE: 2/20/92

CHECKED BY: JC DATE: 2/20/92

APPROVED BY: DATE:

DRAWING TITLE:
SRM Series—Semi—Rigid, Adhesive—Lined, Polyolefin Heat Shrink Tubing

SIZE A DWG. NO. TA-406 ELECTRONIC FILE TA-406.dwg REV C

SCALE: NTS U.O.M.: INCHES [mm] SHEET: 1 OF 1