



### Description:

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.

### Specifications:

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

### Typical Properties:

#### Physical

Tensile Strength	: 2,200 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, cracking, or flowing (4 hrs @ 250°C)
*Low Temp Flexibility	: No cracking (4 hrs @ -55°C)
**Flexibility	: 7

#### Electrical

Dielectric Strength	: 900 V/mil
Volume Resistivity	: 10 <sup>15</sup> Ωcm

#### Chemical

Corrosive Effect	: Non-corrosive
Fluid Resistance	
JR4 Skydrol 600 Solution	
gasoline Hydraulic fluid	: >1500 PSI @ 600 V/mil ( )
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)

Dimensions				Standard Packages (Black)		
Size	Expanded I.D. (Min)	Recovered I.D. (Max.)	Recovered Nominal Wall Thickness	4 Foot Lengths (+1", -0")		
				Pcs	Total Footage	Part Number
1/8"	0.125"	0.023"	0.038"	25	100 FT	SRM-008-4025-BLK
3/16"	0.187"	0.06"	0.043"	25	100 FT	SRM-012-4025-BLK
1/2"	0.5"	0.195"	0.055"	5	20 FT	SRM-032-4005-BLK
3/4"	0.75"	0.313"	0.065"	5	20 FT	SRM-048-4005-BLK
1"	1"	0.4"	0.075"	5	20 FT	SRM-064-4005-BLK

Dimensions				Standard Packages (Black)		
Size	Expanded I.D. (Min)	Recovered I.D. (Max.)	Recovered Nominal Wall Thickness	6 Inch Lengths (±0.125")		
				Pcs	Total Footage	Part Number
1/8"	0.125"	0.023"	0.038"	14	7 FT	SRM-008-6014-BLK
3/16"	0.187"	0.06"	0.043"	12	6 FT	SRM-012-6012-BLK
1/4"	0.25"	0.08"	0.047"	10	5 FT	SRM-016-6010-BLK
3/8"	0.375"	0.135"	0.05"	8	4 FT	SRM-024-6008-BLK

**Part Number Table**

Description	Part Number
SRM Series, Semi-Rigid, Adhesive-Lined, Polyolefin Heat Shrink Tubing	SRM-008-4025-BLK
	SRM-012-4025-BLK
	SRM-032-4005-BLK
	SRM-048-4005-BLK
	SRM-064-4005-BLK
	SRM-008-6014-BLK
	SRM-012-6012-BLK
	SRM-016-6010-BLK
SRM-024-6008-BLK	

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.