



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 ¹⁵ 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)

Shelf Life

10-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity). **Note:** The date of manufacture is marked on the box and on the label.

SRM Series

Semi-Rigid, Adhesive-Lined, Polyolefin Heat Shrink Tubing



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

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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	

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