

Meets or exceeds the requirements of ASTM D 4637, Type 1 Features and Components

Wide Temperature Application Range: Excellent adhesive performance and bond down to 20° F without the need for any additional prep or primer on all approved horizontal substrates. Substrate must be clean and dry.

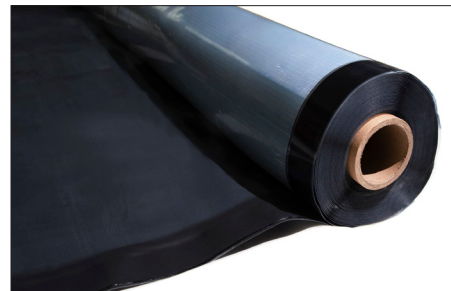
Self-adhering capabilities: Membrane can be adhered without the use of additional VOC-containing adhesives or primers. Excellent for use where interior building activities may be sensitive to odors or VOC limitations exist. Self adhered applications also minimize jobsite waste and provide labor efficiencies for adhered applications with no adhesive flash off time.

Factory Inseam Tape: For superior quality assurance and labor savings compared to field fabricated seams.

Fully Extruded: Produces fewer air voids, more uniform thickness and smoother sheets.

Vulcanization Process: Combines two layers of membrane to produce a fully cross-linked monolithic membrane.

No VOC: No smell or odor. Ideal for hospitals, schools and places wanting to avoid disruption.



Component



Single Ply

Membrane Formulation: Performs in extreme temperature climates and withstands differential movement (elongation).

UV-Stabilization Properties: Offers outstanding ozone and weather resistance delivering one of the longest service lives available.

Technical Expertise: Backed by 30+ years of EPDM experience and installations.

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS				Single Ply	TPO				PVC			EPDM			
	HA	CA	HW	HA	CA	HW	SA	MF		MF	AD	SA	IW	MF	AD	IW	MF	AD	BA	SA
	Do not use with Multi-Ply systems									Compatible with the selected Single Ply systems above										

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Energy and the Environment

Property	Value
Reflectivity* (ASTM C 1549)	0.06
Emissivity* (ASTM C 1371)	0.88
Post-consumer Recycled Content	0%
Pre-Consumer Recycled Content	0%

The LEED® Solar Reflectance Index (SRI) is calculated per ASTM E1980.

Peak Advantage® Guarantee Information

Product	Guarantee Term
JM EPDM FIT SA	Up to 25 years

Codes and Approvals



Installation/Application



Self-Adhered

- Membrane can be installed when temperatures and substrates are 20 °F and rising.
- The substrate surfaces must be clean and dry prior to installation.
- Refer to JM EPDM FIT SA application guide for additional instructions.

Packaging, Storage and Dimensions

Roll Size (One-Sided Pre-Tape)	Roll Coverage	Factory Inseam Tape Width
10' x 100' (3.05 m x 30.48 m)	1000 ft² (92.9 m²)	3" (76 mm)
Membrane extruded in:	Milan, OH	
Shelf Life	18 months from manufacture date	
Storage Conditions	The Inseam tape at the end of each roll is susceptible to damage. Store away from areas or materials where punctures or physical damage is likely to occur. Store indoors, out of direct sunlight, keep clean and dry prior to use. Do not stack rolls on top of one another for extended periods of time.	
Temperature Range	60°F - 90°F (15.6°C - 32.2°C)	

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Tested Physical Properties

Physical Property		ASTM Test Method	Standard for ASTM D 4637, Type I	JM EPDM FIT SA System - 60 mil
Strength	Tensile Strength (psi)	D 412	> = 1305	1456
	Elongation, Ultimate (%)	D 412	> = 300	411
	Tensile Set (%)	D 412	< = 10	0.5
	Tear Resistance (lbf/in.)	D 624	> = 150	181
	Dynamic Puncture Resistance, 5J, Type I	D 5635	pass	pass
	Static Puncture Resistance, 44.1 lbf, Type I	D 5602	pass	pass
Longevity	Overall Sheet Thickness (in.)	D 751	+/- 10%	pass
	Brittleness Point (°F)	D 2137	< = -49	pass
	Ozone Resistance	D 1149	pass	pass
	Water Absorption (mass %)	D 471	< = 8	0.3
Heat Aged Performance	Heat Aged 670 hrs @ 240°F	D 573		
	Tensile Strength (psi)	D 412	> = 1205	1450
	Elongation, Ultimate (%)	D 412	> = 200	403
	Tear Resistance (lbf/in.)	D 624	> = 125	170
	Linear Dimensional Change (%)	D 1204	< +/- 1	0.4
Weathering Performance	Weathering Resistance, 5040 KJ/(m ² -nm) @ 340 nm	D 4637 / G 151 / G 155		
	Visual Inspection	—	pass	pass
	Elongation, Ultimate (%)	D 412	> = 200	351

Physical Properties – Factory Inseam Tape

Physical Property	JM EPDM FIT SA System - 60 mil
Base	Rubber/Butyl polymer
Color	Black
Solvents	None
Percent Solids	100%
Cure State	Partially Cured
Thickness	25 mils ± 5 mils
Width	3" (76 mm)
Release Liner	Polyester

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at www.jm.com/roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

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