

**UltraGard EPDM Thermoset Single Ply Roofing Systems**  
**UltraGard EPDM Roofing Specifications**  
**UltraGard PVC Adhered**  
**UltraGard EPDM Mechanically Fastened (Plate in the Seam)**  
**UltraGard EPDM Mechanically Fastened (Batten in the Seam)**  
**UltraGard EPDM Ballasted**

Flashing Specifications can be found in the JM UltraGard Single Ply Roofing Systems Manual (RS-8100) or by contacting your JM Sales Representative, Technical Services Specialist or at [www.jm.com](http://www.jm.com).

**UltraGard EPDM Typical Properties\***

<b>Property</b>	<b>Test Method</b>	<b>0.045</b>	<b>.045R</b>	<b>.060 FR</b>	<b>.060R</b>
Thickness	—	.041"-.049"	.041"-.049"	.054"-.066"	.054"-.066"
Weight lbs./100 sq. ft. (nom)	—	27.4	27.4	39.3	—
Tensile Strength	ASTM D 412	1500	—	1500	—
Breaking Strength	ASTM D 751	—	90 lbf.	—	90 lbf.
Elongation	ASTM D 412	400%	250%	450%	250%
Tear Resistance (Die C)	ASTM D 624	200pli	—	—	—
Tear Strength	ASTM D 751	—	10 lbs. min.	—	10 lbs. min.
Shore A Hardness	ASTM D 2240	62	62	62	62
Ozone Resistance (Exposure @ 100pphm, 104°F @ 50% Extension)	ASTM D 1149	No cracks	No cracks	No cracks	No cracks
Accelerated Heat Aging (28 Days @ 240°F)	ASTM D 573	—	—	—	—
Tensile Strength Retained		1450	—	1450	—
Breaking Strength Retained		—	80 lbf. min.	—	80 lbf. min.
Elongation Retained		250%	200%	250%	200%
Water Absorption (166 hrs @ 158°F)	ASTM D 471	1.00%	+4,-2	1.50%	+4,-2
Brittleness Temperature	ASTM D 746	Volume Change -75°F	Volume Change -75°F	Volume Change -68°F	Volume Change -75°F

\* Meets or exceeds all requirements of ASTM D 4637 for EPDM vulcanized sheet.