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## PRODUCT DATA SHEET

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PRODUCT NAME AND SYNONYMS: 2001 WHITE EPDM FLEECEBACK				
Physical Property	Test Method	SPEC. (Pass)	Typical	White Typical
Tolerance on Nominal Thickness, %	ASTM D 751	±10	±10	±10
Thickness over Fleece, min, in. (mm) 100 mil (2.54 mm) 115 mil (2.92 mm)	ASTM D 4637 Annex	.030 (.762) .030 (.762)	.045 (1.143) .060 (1.524)	.045 (1.143) .060 (1.524)
Weight, 1bm/ft <sup>2</sup> (kg/m <sup>2</sup> ) 100 mil (2.54 mm) 115 mil (2.92 mm)			0.29 (1.4) 0.38 (1.9)	0.33 (1.6) 0.42 (2.1)
Breaking Strength, min, lbf (N)	ASTM D 751 Grab Method	90 (400)	200 (890)	200 (890)
Elongation, Ultimate, min, %	ASTM D 412	300**	480**	500**
Tearing Strength, min, lbf (N)	ASTM D 751 B Tongue Tear	10 (45)	45 (200)	45 (200)
Brittleness point, max, °F (°C)	ASTM D 2137	-49 (-45)	-67 (-55)	-67 (-55)
Resistance to Heat Aging* Properties after 4 weeks @240°F (116°C) Properties after 1 week @240°F (116°C) Breaking Strength, min, lbf (N) Elongation, Ultimate, min, % Linear Dimensional Change, max, %	ASTM D 573  ASTM D 751 ASTM D 412 ASTM D 1204	80 (355) 200** ±1.0	200 (890) 310** -0.7	200 (890) 250** -0.7
Ozone Resistance* Condition after exposure to 100pphm Ozone in air for 168 hours @104°F (40°C) Specimen wrapped around 3 inch (7.5) mandrel	ASTM D 1149	No Cracks	No Cracks	No Cracks
Resistance to Water Absorption * After 7 days immersion @158°F (70°C) Change in mass, max, %	ASTM D 471	4.0**	2.0**	3.6**
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc, 7560 kJ/m <sup>2</sup> total radiant exposure at 0.70 W/m <sup>2</sup> irradiance, 80°C black panel temp.	ASTM G 155  Conditions	No Cracks  No Cracking	No Cracks  No Cracking	No Cracks  No Cracking

\*Not a Quality Control Test due to the time required for the test or the complexity of the test. However, all tests are run on a statistical basis to ensure overall long-term performance of the sheeting.

\*\*Specimens to be prepared from coating rubber compound, vulcanized in a similar method to the reinforced product.

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