Local Phone: 203-575-9220

Toll Free: 1-800-537-7663

PRODUCT DATA SHEET

Business Hours: 8 am – 5 pm

2001 Inc.
P.O. BOX 2557 Waterbury, CT 06723-2557
325 THOMASTON AVE.
WATERBURY, CT 06702

Emergency Telephone
1-800-255-3924

PDS Date 03/09/05 | Supercedes All Previous Publications

PRODUCT NAME AND SYNONYMS: .045 & .060 REINFORCED, STANDARD & FR CLEAN EPDM MEMBRANE

Typical Properties And Characteristics:

PHYSICAL PROPERTY	TEST METHOD	SPEC. (PASS)	——Typical—— Standard	FR
Tolerance on Nominal Thickness, %	ASTM D 751	±10	±10	±10
Thickness Over Scrim, min, in. (mm)	ASTM D 4637			
.045	Annex	0.015 (0.381)	0.016 (0.406)	0.016 (0.406)
.060		0.015 (0.381)	0.020 (0.508)	0.020 (0.508)
Weight, 1bm/ft^2 (kg/m^2)				
.045			0.24 (1.2)	0.27 (1.3)
.060			0.34 (1.7)	0.39 (1.9)
Breaking Strength, min, lbf (N)	ASTM D 751 Grab Method	90 (400)	180 (800)	180 (800)
Elongation, Ultimate, min, %	ASTM D 412 Die C	250**	480**	480**
Tearing Strength, min, lbf (N)	ASTM D 751 B Tongue Tear	10 (45)	30 (132)	30 (132)
Brittleness Point, max, deg. F (deg. C)*	ASTM D 2137	-49 (-45)	-60 (-51)	-60 (-51)
Resistance to Heat Aging*	ASTM D 573			
Properties after 4 weeks @240ºF (116ºC)				
Breaking Strength, min, lbf (N)	ASTM D 751	80 (355)	200 (890)	200 (890)
Elongation, Ultimate, min, %	ASTM D 412 Die C	200**	250**	250**
Linear Dimensional Change, max, %	ASTM D 1204	±1.0	-0.7	-0.7
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @104ºF (40ºC) Specimen wrapped around 3 in. mandrel	ASTM D 1149	No Cracks	No Cracks	No Cracks
Resistance to Water Absorption* After 7 days immersion @158ºF (70ºC) Change in mass, max, %	ASTM D 471	+8, -2**	2.0**	2.0**
Factory Seam Strength, min	ASTM D 816 Modified	Membrane Rupture	Membrane Rupture	Membrane Rupture
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc, 7560 kJ/m^2 total radiant exposure at 0.70 W/m^2 irradiance, 80ºC black panel temp.	ASTM D 4637 Conditions	No Cracks No Crazing	No Cracks No Crazing	No Cracks No Crazing

*Not a Quality Control Test due to the time required for the test or the complexity to the test. However, all tests are run on a statistical basis to ensure overall long-term performance of the sheeting.
**Specimen t be prepared fro coating rubber compound, vulcanized I a similar method to the reinforce product.

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Prepared By: 2001 Inc.