

45 mil EPDM Fish-Safe Liner

(Rolls and Custom Cut Sizes)

Property / Test Method	Units	45 mil
TYPICAL PROPERTIES AND CHARACTERISTICS		
Tolerance on Nominal Thickness		
ASTM D 412	%	+/-10
Weight		
	lbm/ft ² (kg/m ²)	0.26 (1.3)
Tensile Strength		
ASTM D 412	psi (Mpa)	1550 (10.7)
Elongation		
ASTM D 412	%	480
Tear Strength		
ASTM D 624 (Die C)	lbf/in (kN/m)	200 (35.0)
Factory Seam Strength		
ASTM D 816		Membrane Rupture
Resistance to Heat Aging*		
Properties after 4 weeks @ 240° F (116°C)		
ASTM D 573		
Tensile Strength		
ASTM D 412	psi (Mpa)	1500 (10.3)
Elongation		
ASTM D 412	%	225
Tear Strength		
ASTM D 624	lbf/in (kN/m)	215 (37.6)
Linear Dimensional Change		
ASTM D 1204	%	-0.4
Ozone Resistance*		
ASTM D1149		
Condition After Exposure to 100 pphm		
Ozone in Air for 168 hours @ 104°F (40°C)		
Specimen is at 50% strain		
No Cracks		
No Cracks		
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Brittleness Temp*		
ASTM D 746	deg. F (deg. C)	-67 (-55)
Resistance to Water Absorption*		
After 7 days immersion @ 158°F (70°C)		
ASTM D 471	Change in mass %	+2.0
Water Vapor Permeance		
ASTM E 96 (Proc. B or BW)	perms	0.05
Resistance to Outdoor (Ultraviolet) Weathering*		
Xenon-Arc, 7560 kJ/m ² total radiant exposure		
at 0.70 W/m ² irradiance, 80°C black panel		
ASTM G 155		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.*