

## Minimum 60 and 80 mil Thickness

### Physical Properties (ASTM D4434, Type III)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® PVC KEE Test Values*	
			60 mil†	80 mil†
Thickness over Scrim	ASTM D 7635	0.016" (0.14 mm)	0.030" (mm)	0.024" (0.61 mm)
Breaking Strength	ASTM D 751	200 lbf/in. (890 N)	>270 lbf	>325 lbf
Elongation at Break	ASTM D 751	15% MD / 15% CD	25% MD & CD	25% MD & CD
Factory Seam Strength	ASTM D 751	75%	Pass	Pass
Breaking Strength after Heat Aging	ASTM D 3045	90%	Pass	Pass
Elongation at Break after Heat Aging	ASTM D 3045	90%	Pass	Pass
Tear Strength	ASTM D 751	45 lbf (200.2 N)	155 lbf MD/820 lbf CD	155 lbf MD/820 lbf CD
Low Temperature Bend	ASTM D 2136	Pass @ -40°C	Pass	Pass
Accelerated Weathering	ASTM G 154/155‡ (Min. 5000 h)	Pass	Pass	Pass
Linear Dimensional Change	ASTM D 1204	≤0.5%	<2%	<2%
Change in Weight after Water Immersion	ASTM D 570	±3.0%	Pass	Pass
Static Puncture Resistance	ASTM D 5602	Pass	Pass	Pass
Dynamic Puncture Resistance	ASTM D 5602	Pass	Pass	Pass

\* Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

† Actual Thickness

‡ At an irradiance level of 1.55 W/(m<sup>2</sup>·nm) at 340 nm




### Sustainability Ratings/Certifications

#### Cool Roof Rating Council (CRRC)

Type	ASTM Test Method	Color	Initial		Aged	
			60 mil	80 mil	60 mil	80 mil
Solar Reflectance	ASTM C 1549	White	0.87	0.87	0.82	0.82
Thermal Emittance	ASTM E 903	White	0.88	0.88	0.88	0.88
Solar Reflectance Index (SRI)	ASTM E 903	White	108	108	97	97

### Applicable Standards/Approvals

Meets or exceeds the physical requirements of ASTM D4434, Type III

Classified by UL in accordance with ANSI/UL 790 (Refer to UL Product iQ for actual assemblies)		FM Approved (Refer to FM www.RoofNav.com for actual assemblies)		Miami-Dade Product Control Approved		State of Florida Approved
--	---	---	---	-------------------------------------	---	---------------------------

Can be used to comply with 2022 Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations (White only).

### Product Data

Roll Size	Colors	Full Roll Size	Full Roll Weight (Average)	Half Roll Size	Half Roll Weight (Average)
60 mil	White, Gray, Tan	10' x 100' (3.05 m x 30.5 m)	416 lb. 171 kg	5' x 100' (1.52 m x 30.5 m)	196 lb. 86 kg
80 mil	White, Gray, Tan	10' x 80' (3.05 m x 24.4 m)	437 lb. 182 kg	5' x 80' (3.05 m x 24.4 m)	219 lb. 91 kg
Storage	Store on pallets in a clean, dry area at temperatures below 100°F.				
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.				

Note: Membrane rolls shipped horizontally on pallets.