



# EverGuard® PVC - Data Sheet

## Physical Properties (ASTM D4434, Type III)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® PVC Test Values (approx.)*		
			50 mil	60 mil	80 mil
Overall Thickness	ASTM D 751	0.045" (1.14 mm)	0.050" (1.27 mm)	0.060" (1.52 mm)	0.080" (2.03 mm)
Thickness over Scrim	ASTM D 7635	0.016" (0.14 mm)	0.020" (0.51 mm)	0.024" (0.62 mm)	0.035" (0.89 mm)
Breaking Strength	ASTM D 751	200 lbf/in. (890 N)	320 lbf MD / 275 lbf CD	330 lbf MD / 290 lbf CD	360 lbf MD / 320 lbf CD
Elongation at Break	ASTM D 751	15% MD / 15% CD	30% MD & CD	30% MD & CD	30% MD & CD
Factory Seam Strength	ASTM D 751	75%	Pass	Pass	Pass
Breaking Strength after Heat Aging	ASTM D 3045	90%	Pass	Pass	Pass
Elongation at Break after Heat Aging	ASTM D 3045	90%	Pass	Pass	Pass
Tear Strength	ASTM D 751	45 lbf (200.2 N)	145 lbf MD/70 lbf CD	155 lbf MD/82 lbf CD	145 lbf MD/70 lbf CD
Low-Temperature Bend	ASTM D 2136	Pass @ 104° F (-40° C)	Pass	Pass	Pass
Accelerated Weathering	ASTM G 154/155† (Min. 5000 h)	Pass	Pass	Pass	Pass
Linear Dimensional Change	ASTM D 1204	≤0.5%	Pass	Pass	Pass
Change in Weight after Water Immersion	ASTM D 570	±3.0%	Pass	Pass	Pass
Static Puncture Resistance	ASTM D 5602	Pass	Pass	Pass	Pass
Dynamic Puncture Resistance	ASTM D 5635	Pass	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.

† 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	Product ID#	Initial	Aged
Solar Reflectance	ASTM C 1549	White	0676-0134a	0.87	0.70
Thermal Emittance	ASTM E 903	White	0676-0134a	0.87	0.88
Solar Reflectance Index (SRI)	ASTM E 903	White	0676-0134a	110	85

### LEED Information

Manufacturing Location

Cedar City, UT

## Applicable Standards/Approvals

Classified by UL in accordance with ANSI/UL 790, including as a component of Class A fire resistance rated roofing assemblies. Refer to UL Product iQ for specific assemblies.



FM Approved  
(Refer to FM [www.RoofNav.com](http://www.RoofNav.com) for actual assemblies)



State of Florida Approved

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

## Product Data

Roll Size	Colors	Full Roll Size	Full Roll Weight (Average)	Half Roll Size	Half Roll Weight (Average)
50 mil	White, Gray	10' x 100' (3.05 m x 30.48 m)	318.0 lb (144 kg)	5' x 100' (1.52 m x 30.48 m)	159.0 lb (72 kg)
60 mil	White, Gray	10' x 100' (3.05 m x 30.48 m)	398.0 lb (181 kg)	5' x 100' (1.52 m x 30.48 m)	199.0 lb (90 kg)
80 mil	White, Gray	10' x 80' (3.05 m x 24.38 m)	422.0 lb (191 kg)	5' x 80' (1.52 m x 24.38 m)	211.0 lb (96 kg)
Storage	Store on pallets in a clean, dry area at temperatures below 100° F (38° C).				
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.				

Note: Membrane rolls shipped horizontally on pallets.

For more information, contact GAF Technical Support  
Services at 1-877-GAF-ROOF | [gaf.com](http://gaf.com)

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