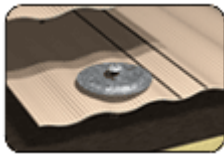


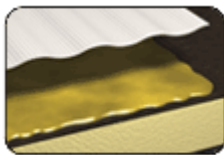
# PVC

GenFlex RM membrane is installed either mechanically attached or fully adhered. It is suitable for both new construction and re-roofing. Seams are hot air welded .. the fastest and most reliable seaming method. The sheets are preprinted to assure proper overlap.



### Mechanically attached

Effective system in high wind situations, providing a roof of exceptional strength and integrity. Mechanical attachment provides durability and longevity even under high wind uplift conditions.



### Fully adhered

A system often used for installations with unusual or odd-shaped contours. Fully adhered systems install with a continuous, even surface, have no mechanical penetration of the membrane and add

minimal weight to the deck.

### A Cool Roof -

GenFlex white RM can reduce energy consumption and reduce problems associated with urban heat islands, including heat buildup, smog and air pollution. Cool Roof systems deliver high solar reflectivity (65 or higher) and high emissivity (80% or higher) while reducing electrical demand and improving building comfort. Less cooling system wear and tear also means reduced maintenance expenses.

GenFlex Roofing Systems is a partner in the EPA Energy Star Program and a strong supporter of white reflective roofing and the related energy benefits.



## GenFlex PVC (RM) Test Data

Property	Test Method	Physical Properties
Color (Face)		White, Grey, or Tan
Weight	ASTM D-751	48 mil – 1.50 kg/m <sup>2</sup> (0.30 lb/ft <sup>2</sup> ) 60 mil – 2.00 kg/m <sup>2</sup> (0.40 lb/ft <sup>2</sup> )
Thickness, nominal	ASTM D-751	1.2 mm (0.048") 1.5 mm (0.060")
Breaking Strength	ASTM D-751	889 N (200 lbf.), Min. 1.3 kN (290 lbf.), Typ.
Elongation	ASTM D-751	27%
Tearing Strength	ASTM D-751	200 N (45 lbf.), Min. 222 N (50 lbf.), Typ.
Properties after Heat Aging (% of Original)	ASTM D-751 Per ASTM D-3045	
Breaking Strength		90%
Tearing Strength		90%
Elongation		90%
Resistance to Cold 3.2 mm (1/8") Mandrel	ASTM D-2137	-40°C (-40°F)
Linear Dimensional Change, Max.	ASTM D-1204	0.5% Max. 0.1%, Typical
Adhesion	ASTM D-751	2.6 kN/m (15 lbs./in)

Seam Strength % of Original Breaking Strength, min.	ASTM D-751	75%
Weather Resistance, no cracks or crazing	ASTM G-151 ASTM G-153 ASTM G-154	Pass
Reflectivity	ASTM E-903	White – 78 Grey – 52 Tan – 53
Water Vapor Transmission	ASTM E-96 Dessicant Method	0.115 g/h-m <sup>2</sup>