

**PRODUCT BY:**

The Nano Gard LLC  
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Product Code: **SAFETY 1Ply4Mil**

Product Specifications:

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**Strength**

180 Peeling Strength ..... 65,267 psi  
Tensile Strength ..... 219,007 psi  
Elongation at Break ..... 160%

**Solar Energy**

Transmittance ..... 61%  
Reflectance ..... 6.7%  
Absorbance ..... 32.3%  
UV Rejection ..... >99%  
T.S.E.R. ..... 20.12%

**Visible Light**

Reflectance ..... 10.1%  
Transmittance ..... 89.9%

**Scratch Resistance** ..... 5H  
**Puncture Resistance Load** ..... 52.3 lbs  
**Peel Strength** ..... 1800< gr/inch  
**Melting Point** ..... 491~509F

All figures are measured in ASTM regulations



the  
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