

## Physical Properties Comparison: 6 mil VR<sup>®</sup> film vs. 8 mil vinyl film

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All laboratory tests were conducted by Dupont Analytical Testing Division.

Test	6 mil VR <sup>®</sup> film	8 mil vinyl film
Tensile Strength <sup>1</sup> , MD	4,861 psi	2,974 psi
Tensile Strength <sup>1</sup> , TD	4,483 psi	2,881 psi
Elongation <sup>2</sup> , MD	919%	300%
Elongation <sup>2</sup> , TD	942%	359%
Secant Modulus <sup>3</sup> , MD	8,017 psi	11,135 psi
Secant Modulus <sup>3</sup> , TD	8,138 psi	10,489 psi

<sup>1</sup> ASTM Test Method D 882 (force at break point)

<sup>2</sup> ASTM Test Method D 882 (percent of stretch at break point)

<sup>3</sup> ASTM Test Method D 882 (measurement of stiffness, lower numbers are softer)

MD: Machine Direction

TD: Transverse Direction