



## Technical Information

### PHYSICAL PROPERTIES AND TEST RESULTS

<b>Specific Gravity(H<sub>2</sub>O=1):</b>	1.15-1.6
<b>Melting point:</b>	300 degrees F
<b>Colored film grip level:</b>	Softens at 185-215 degrees F
<b>Tensile strength:</b>	3400-3800 psi (depending on mil thickness)
<b>Tensile strength (KG/CM<sup>2</sup>):</b>	235 (JIS K test method)
<b>TS - ASTM D-882:</b>	TD 3000-2400 psi
<b>UV/CON:</b>	1000 hrs - no change in color
<b>Elongation:</b>	305-355% (JIS K 6732 test method)
<b>EI - ASTM D-882:</b>	TD 315-365%
<b>100% Modulus:</b>	1800-2400 psi (depending on mil thickness)
<b>Mo - ASTM D-882:</b>	TD 1500-1900 psi
<b>Film characteristics:</b>	Formulated with UV inhibitor
<b>Cold impact C:</b>	No cracks at -35 degrees C (ASTM D 1593 test method)
<b>Shrinkage %:</b>	Less than 1.5% (50 degrees C 10 minutes test method)
<b>Grave Tear (KG/CM<sup>2</sup>):</b>	55 (JIS K 6732 test method)
<b>UV Radiation Protection:</b>	58% (1 count = 023 MW min/cm <sup>2</sup> )
<b>Visible Glare Rad Reduction:</b>	39% (1 count = 1.3 MW min/cm <sup>2</sup> )
<b>Heat/Infrared Reduction:</b>	5.1%

Complies with WAC 296-62-054 and 29 CFR 1910.1200

- Product is impact resistant, softened PCV vinyl film.
- Cushioning effect reduces or eliminates projectile damage.
- Easily shaped and curved with heat.
- Installations errors can be corrected while being installed.
- Breathable for quicker curing.
- Product is scratch resistant, but any created cracks or scratches will disappear with time.
- Resists yellowing with minor yearly maintenance (any UV protectant conditioner or screen - like Meguiars, Turtle Wax, Mothers, 303 Protectants).

Product storage info: Do not store near heat or direct/indirect sunlight. Average shelf life of one year when stored in original packaging. Do not store in an unwound condition (will cause film to pull up from backing material over time).

Note: Testing information is, to the best of the company's knowledge, accurate under numerous conditions; however, it does not apply in all cases. The summary chart is intended as a guideline and all recommendations are made without guarantee since conditions of use are beyond our control.