



# Duramet™ EXTRA™ Strip-Laminate

## IV. PRODUCT SPECIFICATION SHEET

A reinforcing high density polyethylene scrim coated with low density polyethylene blend, impregnated with patented KORIN™ VCI which is engineered to prevent the corrosion of metals.

### PRODUCT SPECIFICATIONS

|                      |   |
|----------------------|---|
| <b>Nominal Weave</b> | 5 x 4 ppi (20 x 16 tapes per 10 cm)                                       |
| <b>Coating</b>       | Two Sides LDPE @ 0.9 - 1.2 mil thickness, 22.5 - 30 g/m <sup>2</sup>      |
| <b>Color</b>         | Beige, Black, Clear, White, Yellow, Blue, Green - VCI additive available  |
| <b>Weight</b>        | 170 g/m <sup>2</sup> ± 5 % (5.0 oz/yd <sup>2</sup> ± 5 %) finished weight |
| <b>Widths</b>        | Up to 144"  |

### PRODUCT PERFORMANCE

#### Tensile Strength ASTM D751-95

|                   |            |          |       |
|-------------------|------------|----------|-------|
| Machine Direction | Force      | 180 lbs. | 82 kg |
|                   | Elongation | 28 %     |       |
| Cross Direction   | Force      | 134 lbs. | 61 kg |
|                   | Elongation | 28 %     |       |

#### Trapezoidal Tear Strength ASTM D4533-91

|                   |       |          |       |
|-------------------|-------|----------|-------|
| Machine Direction | Force | 112 lbs. | 51 kg |
| Cross Direction   | Force | 84 lbs.  | 38 kg |

#### UV Accelerated Weathering ASTM G154-98

More than 90 % Strength Retained After 2,000 hours\* Exposure

|                                  |         |          |
|----------------------------------|---------|----------|
| <b>Mullen Burst ASTM D751-95</b> | 270 psi | 1862 kPa |
| <b>Nominal Thickness</b>         | 10 mils | 0.25 mm  |

Note: all values are ± 10%

\* QUV A-340 lamps 8 hrs UV @ 60°C, 4 hrs Condensation @ 40°C

The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specification.

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