**Polyurethane Polyester Physical Properties:**

- **Color** Charcoal Gray
- **Density** 2lb/cft or 4lb/cft +/- 10% kg/m3 or 64 kg/m3 +/- 10% per ASTM D3574-86 test A
- **Tear Strength** 1.5 ppi per ASTM D3574-86 test F
- **Tensile Strength** 20 psi per ASTM D3574-86 test E
- **Elongation** 120% per ASTM D3574-86 test E
- **Compression Set % 50% Deflection** Max 10% ASTM D357-86 test D
- **Heat Resistance** retention of tensile strength after 22 hours dry heat aging at 140°C min. 70% ASTM D3574-86 test K
- **Humidity Resistance** retention of tensile strength after 6 hours steam autoclave at 105°C min. 70% ASTM D3574-86 test J
- **Chemical Resistance** good for common fluids, water, petroleum, solvents, and alkalis. Swelling will occur, will return to almost 100% after drying.
- **Flammmability** MVSS 302, UL-94 HF1, and FAR 25.853(b)
- **Service Temperature** -40°F to +225°F continuous to 275°F intermittent
- **Thermal Conductivity** BTU/hr., Ft2, oF/in. .25 per ASTM C 177

**Standard Surface Treatments:**

- Aluminized Polyester
- Reinforced Aluminized Polyester
- Urethane Films (matte or impervious)
- Perforated Vinyl
- Convolute
- Embossed
- Customized Facings Available

**Pressure Sensitive Adhesive:**

- Supported SBR (temps to 140°F)
- Unsupported Acrylic (temps to 250°F)
- Supported Acrylic (temps to 250°F)

**Standard Sizes:**

- Rolls 54" x 50'
- Sheets 54" x 72", 54" x 24", 54" x 36"
- Fabricated or Die Cut
- Thicknesses 1/4" - 2"

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ASTM C423-90a Absorption Coefficient