

WPE - 40 PRODUCT SPECIFICATION SHEET

A high strength 30 x 30 reinforcing high density polyethylene specially woven to achieve superior strengths then coated both sides with a uniquely engineered low density polyethylene blend.

Specification Listing

Product Code	ZC-P16.7 Blk/Blk-M
Weight	16.7 oz/sq. yd. ASTM D-1910
Finished Thickness	30 mils
Weave Count	10x10 Black tape – 3 layers
Coating Thickness	2.0 mils + 1.9 mils
Color	Black/black

Tensile Strength	Warp (Machine direction) 632 lbs. ASTM D-751 Weft (Cross direction) 598 lbs.
Elongation	Warp Weft
Tongue Tear	Warp 136 lbs. ASTM D-751 Weft 111 lbs.
Trapezoid Tear	Warp 74 lbs. ASTM D-751 Weft 49 lbs.
Mullen Burst	1,000+ lbs. ASTM D-751
UV Resistance	80% or greater after 2,000 hours
Low Temperature	Pass at -40 F ASTM D-2136
Hydrostatic Resistance	340 lbs. ASTM D-751, Method A
Water Vapor Transmission	6.8 grams/sq. meter/24 hours ASTM E-96, Method B

- These are typical property values and are intended as guides only. The figures listed do not represent specification limits.
- All results are +/- 10%.
- Specific batch or lot test results are available when requested in writing on the purchase order or prior to order shipment. Independent test results for any specific shipment must be arranged in advance.
- Last updated November 26, 2003.