



Paper and Film

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Material Data Sheet Revised 8/01/18

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| Product: | 24 Mil. Multi-layered Barrier Material |
| Base Material: | Woven HDPE scrim, LDPE 3.5 mil per side |
| Color: | Black, White, Blue, more upon request |
| Product Dimensions: | Width: 12 ft; Length: 500-1000 yards/roll; Core: 4-5" I.D. |

Description

Medium weight fabric incorporating a tough, durable, and abrasion resistant LDPE coating (83 g/m²/side)

Testing Parameters

This information is based on ASTM standard tests. This data should not be considered specification.

| Property | Typical Value | Units | ASTM Method |
|------------------------------------|--------------------------|--------------------------|-------------------|
| Thickness / Weight | 24 / 11.5 | mil / oz/yd ² | D1777 |
| Grab Tensile (MD / TD) | 505 / 460 | N | D7004 |
| Strip Tensile (MD / TD) | 355 / 330 | lbs/in | D7003 |
| Tongue Tear, large scale (MD / TD) | 75 / 59 | lbs/in | D5884 |
| Mullen Burst | 1257 | psi | D751 |
| Hydrostatic Resistance | 450 | psi | D751 |
| Puncture Resistance | 260 | lb. | D4833 |
| Dimensional Stability (MD / TD) | 4.7 / 1.6 | % | D1204 |
| Carbon Black Content | 2.5 | % | D4218 |
| MVTR | 0.24 (0.06 perms) | g/m ² | E96 proc. BW |
| Low Temperature Flex (MD / TD) | Pass / Pass | -40 F | D2136 |
| Hydraulic Conductivity | 1.30 x 10 ⁻¹² | cm/s | Calculated - MVTR |
| Accelerated UV Weathering | tensile > 90% | 2000 hrs | G154 |

The information presented in this data sheet is believed to be accurate and is not intended to constitute a specification. The values given reflect average measurements, which can vary slightly. Users are encouraged to determine the suitability of this product for their own particular application(s).

Base on terms and conditions
 Seller's only obligation shall be to replace such quantity of the product proven to be defective. Seller shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use, or inability to use the product for his/her use, and the user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed, except by an agreement signed by an officer or seller. We hereby certify that goods covered by this quotation have been produced in compliance with the Fair Labor Standards Act of 1983, as amended. Any credit memos to purchaser shall expire if not used within one year from date of credit memo.