

# SHARK

## Geomembranes

### Material Data Sheet Revised 8/01/18

Product:	40 Mil. Multi-layered Barrier Material
Base Material:	Woven HDPE scrim, LDPE 2.5 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

Lightweight fabric incorporating a tough, durable, and abrasion resistant LDPE coating (60 g/m<sup>2</sup>/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	40 / 18.5	mil / oz/yd <sup>2</sup>	D1777
Grab Tensile (MD / TD)	580 / 625	lb	D7004
Strip Tensile (MD / TD)	422 / 395	lbs/in	D7003
Tongue Tear, large scale (MD / TD)	95 / 85	lbs/in	D5884
Mullen Burst	2356	psi	D751
Hydrostatic Resistance	725	psi	D751
Puncture Resistance	291	lb.	D4833
Dimensional Stability (MD / TD)	3.8 / 1.8	%	D1204
Carbon Black Content	2.5	%	D4218
MVTR	0.29 (0.06 perms)	g/m <sup>2</sup>	E96 proc. BW
Low Temperature Flex (MD / TD)	Pass / Pass	-40 F	D2136
Hydraulic Conductivity	2.75 x 10 <sup>-12</sup>	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.