



4828 Highway 45 S.  
 Fond du Lac, WI 54937  
 (800) 442-6648  
 (920) 921-6827 Fax: (920) 921-1690  
 info@aquaticbiologists.com  
 www.aquaticbiologists.com

Specialties in Lake & Pond Management, Consulting, Services, & Supplies

## ABI 40 Mil Woven

*Double Scrim - Low Temperature – Hydrocarbon Stable*

<b>Description</b>	BLACK 16 X 16 COUNT PER INCH	
<b>WEIGHT</b>	19.1 OZ./SQ.YD. (+/-5%)	ASTM D 751
<b>THICKNESS</b>	40 MILS (+/-10%)	ASTM D 5199
<b>COATING THICKNESS</b>	3.0 MILS EACH (+/-10%)	
<b>TENSILE STRENGTH (GRAB METHOD)</b>	WARP 740 LBS. WEFT 650 LBS.	ASTM D 5034
<b>ELONGATION TO BREAK</b>	WARP 26 %	
<b>TEAR STRENGTH (TONGUE METHOD)</b>	WARP 153 LBS/INCH WEFT 174 LBS/INCH	ASTM D 2261
<b>BURSTING STRENGTH (MULLEN)</b>	1220 PS	ASTM D 3786
<b>HYDROSTATIC RESISTANCE</b>	728 PSI	ASTM D 751
<b>PUNCTURE RESISTANCE</b>	131 LBS. 238 LBS.	FED. STD. 101C, METHOD 2065 ASTM D 4833
<b>MOISTURE VAPOR TRANSMISSION</b>	0.475 GRAMS/M2/24HRS.	ASTM E 96 B
<b>LOW TEMPERATURE COLD CRACK</b>	-85F	ASTM D 2136
<b>PERMEABILITY</b>	N/A	ASTM D 4491
<b>CARBON BLACK CONTENT</b>	2%	ASTM D 4218
<b>CARBON BLACK DISPERSION</b>	A-1	
<b>UV RESISTANCE</b>	90% STRENGTH RETAINED AFTER 2000 HRS.	ASTM G-151
ALL DATA IS DRAWN FROM U.S. TESTING AND PRECISION LABORATORIES. AVAILABLE ON REQUEST		