



AquaArmor BTL™-40 Double Scrim RPE

DESCRIPTION	BLACK 16 X 16 COUNT PER INCH	
FABRICATION & WAREHOUSE	PRINEVILLE, OREGON	
WEIGHT	18.5 OZ./SQ.YD. (+/-5%)	ASTM D751
THICKNESS	40 MIL (+/-10%)	ASTM D1777
COATING THICKNESS	2.5 MIL EACH (+/-5%)	
TENSILE STRENGTH (GRAB METHOD)	MD 680LBS. TD 680 LBS.	ASTM D5034
(STRIP METHOD)	MD 460 LBS. TD 460LBS	ASTM D5035
TEAR STRENGTH (TONGUE METHOD)	MD 140 LBS. TD 135 LBS.	ASTM D5884
BURSTING STRENGTH (MULLEN BURST)	1300 PSI	ASTM D3786
MVTR	0.31 g/m ² – 24hr (0.04 perms)	ASTM E96
HYDROSTATIC RESISTANCE	685PSI	ASTM D751
PUNCTURE RESISTANCE	350 LBS	ASTM D4833
CBR STATIC RESISTANCE	2356 lb (10,461 N)	ASTM D6241
LOW TEMPERATURE COLD CRACK	-85° F	ASTM D2136
PERMEABILITY	<2.65 x 10 ⁻¹² CM/SEC	ASTM D4491
CARBON BLACK CONTENT	3.1%	ASTM D4218
DIMENSIONAL STABILITY	MD -3.8% TD -1.8%	ASTM D1204
HP-OIT	3048 minutes	ASTM D5885
UV RESISTANCE	>90% STRENGTH RETAINED AFTER 2000 HRS.	ASTM G-154

ALL DATA IS DRAWN FROM U.S. TESTING AND PRECISION LABORATORIES.

