



## BTL™-40 Double Scrim RPE

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

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

