



# PPL™-45

## Double Scrim HDPE w/ LDPE Coating

<b>DESCRIPTION</b>	BLACK 16 X 16 COUNT PER INCH	
<b>FABRICATION &amp; WAREHOUSE</b>	PRINEVILLE, OREGON	
<b>WEIGHT</b>	22.5 OZ./SQ.YD. (+/-5%)	
<b>THICKNESS</b>	45 MIL (+/-10%)	ASTM D1777
<b>COATING THICKNESS</b>	5.0 MIL EACH (+/-5%)	
<b>TENSILE STRENGTH</b> (GRAB METHOD)	MD 655LBS. TD 880LBS.	ASTM D7004
(STRIP METHOD)	MD 435 LBS. TD 565LBS	ASTM D7003
<b>TEAR STRENGTH</b> (TONGUE METHOD)	MD 105 LBS. TD 110 LBS.	ASTM D5884
<b>BURSTING STRENGTH</b> (MULLEN BURST)	1300 PSI	ASTM D751
<b>HYDROSTATIC RESISTANCE</b>	880PSI	ASTM D751
<b>PUNCTURE RESISTANCE</b>	365 LBS	ASTM D4833
<b>LOW TEMPERATURE COLD CRACK</b>	-85° F	ASTM D2136
<b>PERMEABILITY</b>	2.32 x 10 <sup>-12</sup> CM/SEC	
<b>SEAM STRENGTH(SHEAR), min.</b>	>80% of the strip tensile value in the direction perp. to the seam.	ASTM D7747
<b>SEAM STRENGTH(PEEL), min</b>	27 LBS INCH	ASTM D413
<b>UV RESISTANCE</b>	>90% STRENGTH RETAINED AFTER 2000 HRS	ASTM G-154



Certified to  
NSF/ANSI 61-G & 372

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