



PPL™-45

Double Scrim HDPE w/ LDPE Coating

LOW TEMPERATURE - HYDROCARBON STABLE

DESCRIPTION	BLACK 16 X 16 COUNT PER INCH	
FABRICATION & WAREHOUSE	PRINEVILLE, OREGON	
WEIGHT	22.5 OZ./SQ.YD. (+/-5%)	
THICKNESS	45 MIL (+/-10%)	ASTM D1777
COATING THICKNESS	5.0 MIL EACH (+/-5%)	
TENSILE STRENGTH (GRAB METHOD)	MD 635LBS. TD 605LBS.	ASTM D7004
(STRIP METHOD)	MD 385 LBS. TD 360LBS	ASTM D7003
TEAR STRENGTH (TONGUE METHOD)	MD 100 LBS. TD 100 LBS.	ASTM D5884
BURSTING STRENGTH (MULLEN BURST)	1250 PSI	ASTM D751
HYDROSTATIC RESISTANCE	880PSI	ASTM D751
PUNCTURE RESISTANCE	380 LBS	ASTM D4833
LOW TEMPERATURE COLD CRACK	-85° F	ASTM D2136
PERMEABILITY	2.32 x 10 ⁻¹² CM/SEC	
SEAM STRENGTH(SHEAR), min.	>80% of the strip tensile value in the direction perp. to the seam.	ASTM D7747
SEAM STRENGTH(PEEL), min	27 LBS INCH	ASTM D413
UV RESISTANCE	>90% STRENGTH RETAINED AFTER 2000 HRS.	ASTM G-154

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