



PPL™ -45

**DOUBLE SCRIM HDPE WITH LDPE COATING
LOW TEMPERATURE - HYDROCARBON STABLE**

DESCRIPTION	BLACK/WHITE 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 (+/-10%)	
TENSILE STRENGTH (GRAB METHOD)	WARP 635 LBS. WEFT 605 LBS.	ASTM D7004
(STRIP METHOD)	WARP 385LBS WEFT 360LBS	ASTM D7003
TEAR STRENGTH (TONGUE METHOD)	WARP 100 LBS/INCH WEFT 100 LBS/INCH	ASTM D5884
BURSTING STRENGTH (MULLEN)	1250 PSI	ASTM D751
HYDROSTATIC RESISTANCE	880 PSI	ASTM D751
PUNCTURE RESISTANCE	380 LBS.	ASTM D4833
LOW TEMPERATURE COLD CRACK	-40° F	ASTM D2136
CARBON BLACK CONTENT CARBON BLACK DISPERSION	4.47 % Category 1	
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.	4 LBS/INCH	ASTM D413
UV RESISTANCE	>90% STRENGTH RETAINED AFTER 2000 HRS.	ASTM G-154