

PetroGard VI, U.L.C. Certified Geomembrane Liner

Base - (Type)	Polyester
Fabric - (Weight)	7.5 oz./sq.yd.
Finished Coated Weight - (ASTM D751)	30 +/- 2 oz./sq.yd. min.
Grab Tensile - (ASTM D751)	650 lbs./650 lbs.
1" strip lbs. - (ASTM D-751)	485 lbs./485 lbs.
Trapezoid Tear - (ASTM D2261)	50/50 lbs.
Adhesion - (ASTM D751, Adhesion Para. b)	15 lbs./in.
Hydrostatic Resistance - (ASTM D751 Method A Proc.1)	600 psi. min.
Puncture Resistance - (ASTM D751, Sect. 15.2 Ball Tip)	950 lbs. min.
Cold Crack - (ASTM D-2136)	-40°F
Stiffness - (ASTM D-747)	30,000 psi ea. direction
Thickness - (ASTM D751)	32 mils.
Bursting Strength - (ASTM D-751)	950 lbs. min.
FACTORY SEAMS:	
Dead Load (Mil-T-43211)	266 lbs - 70° F min. 133 lbs - 160° F min.
Flexibility/Resistance to Cracking:	PASS
Lab procedures: Ten (10) pound weighted roller, sample size 2" x 12" fold, 180 Degrees, pass roller ten times:	PASS
Weathering Resistance:	
Carbon Arc	
10,000 hrs	
Atlas Weather-o-Meter	
No appreciable changes or stiffening or cracking of coating	PASS

4843 S. Oakley Chicago, IL 60609-4036 773-927-4120 fax 773-650-6028