

Test Method		Units	Thickness		
Thickness	ASTM D5199	mils.	20.0 ± 5 %	30.0 ± 5 %	40.0 ± 5 %
Specific Gravity	ASTM D792		1.20 min.	1.20 min.	1.20 min.
Breaking Strength	ASTM D882	lb. / in.	48 min.	73 min.	97 min.
Elongation at Break	ASTM D882	%	360 min.	380 min.	430 min.
100 % Modulus	ASTM D882	lb. / in.	20 min.	30 min.	40 min.
Tear Resistance	ASTM D1004	lb. / in.	6.0 min.	8.0 min.	10.0 min.
Low Temperature	ASTM D1790		Pass @ -14.8	Pass @ -20.2	Pass @ -20.0
Dimensional Stability	ASTM D1204	%	4 max	3 max	3 max
Water Extraction	ASTM D1239	%	0.15 max	0.15 max	0.20 max
Volatile Loss	ASTM D1203	%	0.9 max	0.7 max	0.50 max
Breaking Strength	ASTM G160	% Change	5 max	5 max	5 max
Elongation at Break	ASTM G160	% Change	20 max	20 max	20 max
100 % Modulus	ASTM G160	% Change	20 max	20 max	20 max
Hydrostatic Resistance	ASTM D751 PA	psi.	68 min.	100 min.	120 min.

PVC geomembranes are non-reinforced, combining strong tensile strength, flexibility, and excellent lay flat characteristics making this geomembrane easy to install in irregularly contoured areas.

PVC, or Polyvinyl Chloride, can be heat welded by a trained technician or glued in the field. Color options are available upon request. At WPL Fab we test each panel, accordion fold then roll onto a core, package with a protective layer and apply directions on the outside of the roll for ease of deployment.

Applications

Canals, Reservoirs, Ponds, Water Features, Landfills

ATLAS

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