Ultra-Dewatering Bag

Reusable Model

Material Specifications

HSP2

Woven High Strength Polypropylene Geotextile

HSP2 is manufactured using high tenacity polypropylene yarns woven to form a dimensionally stable network. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable.

The high strength and flow rate of HSP2 make it ideal for construction of embankments over soft soils, steepened slopes and retaining walls.

Property	**Test Method**	**Min Avg. Roll Values**
Grab Tensile Strength	ASTM D4632	315 x 315 Lbs
Elongation	ASTM D4632	15%
Wide Width Tensile Strength	ASTM D4595	2400 x 2400 Lbs/ft
Wide Width Elongation	ASTM D4595	12 x 8%
Wide Width Tensile Strength At 5% strain	ASTM D4595	774 x 1404 Lbs/ft
Puncture Strength	ASTM D4833	1400 Lbs
Trapezoid Tear Strength	ASTM D4533	125 x 125 Lbs
UV Resistance (at 500 hrs)	ASTM D4355	80%
Apparent Opening Size (AOS)	ASTM D4751	40 US Sieve
Permittivity (sec-1)	ASTM D4491	0.70 sec-1
Water Flow Rate	ASTM D4491	50 gpm/ft2
Values quoted above are the result of multiple tests conducted at an independent testing facility. HSP2 meets or exceeds values listed. Mullen burst ASTM D-3786 and Puncture ASTM D-4833 are no longer tested for Geosynthetics. Puncture ASTM D-4833 has been replaced with CBR Puncture ASTM D-6241.		
Packaging		
Roll Width/Length	15 ft x 300 ft	
Roll Area	500 yd2	

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