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PermeaTex High Strength Woven Geotextiles

The PermeaTex HS Series consists of woven, polypropylene, and heavy monofilament and fibrillated yarn geotextile products that are recommended for soil stabilization, steepened slopes, and retaining walls. Specific areas of use embankments over soft soils, landfill stabilizataion, and industrial sludge lagoons. These geotextile products are resistant to ultraviolet degradation and to biological and chemical environments found in normal soil areas

MATERIAL PROPERTIES	TEST METHOD	ENGLISH UNIT	PermeaTex Products				
			HS0202	HS0404	HS0406	HS0606	HS1010
Minimum Average Roll Values							
Physical							
Weight	ASTM D3776	oz. / s.y.					
Thickness	ASTM D1777	mils					
Polymer Type			PP	PP	PP	PET	PET
Mechanical							
Wide Width Tensile	ASTM D4595	lbs/in.	200 x 200	450 x 450	400 x 600	600 x 600	1000 x 1000
Tensile Strength @ 2%	ASTM D4595	lbs		75 x 100			
Tensile Strength @ 5%	ASTM D4595	lbs		200 x 230			
Wide Width Elongation	ASTM D4632	%	8 x 6	20 x 15	14 x 12	10 x 10	10 x 10
Puncture Strength	ASTM D4833	lbs	120	250	160	200	400
Trapezoidal Tear	ASTM D4533	lbs	130 x 130	275	250 x 300	N/A	800 X 800
Mullen Burst	ASTM D3786	psi	750	1000	1200	1200	1200 +
Long Term Design Strength	GRI GT7	lbs		110			
Hydraulic							
Apparent Opening Size	ASTM D4751	U.S. Sieve	40	70	30	30	60
Water Flow Rate	ASTM D4491	gpm / s.f.	25	20	18	15	6
Permittivity	ASTM D4491		0.25	0.2	0.3	0.25	0.1
Permeability	ASTM D4491	cm / sec					
Endurance							
UV Resistance (500 hours)		% retained	80	80	80	80	80
PACKAGING INFORMATION							
Standard Roll Width (Lineal Feet)			15	17.1	15	15	15
Standard Roll Length (Lineal Feet)			Master	328.1	Master	Master	Master
Standard Roll Area (Square Yards)			Varies	623	Varies	Varies	Varies

Note : PermeaTex Geotextile Products are manufactured by various manufacturers for distribution by Northwest Linings. PermeaTex is a trade name of Northwest Linings and any use of this name without the express written consent of Northwest Linings is strictly prohibited.