



GGS 4x4HS Woven

GGS 4x4HS is a woven geotextile made of 100% polypropylene high tenacity fibers which are woven into a stable network such that the yarns retain their relative position. GGS 4x4HS resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGS 4x4HS meets or exceeds the physical property values listed below:

Property	Test Method	Unit	M.A.R.V
Grab Tensile	ASTM D 4632	lbs	475 x 440
Elongation	ASTM D 4632	%	15 x 15
Trapezoidal Tear	ASTM D 4533	lbs	200 x 200
CBR Puncture	ASTM D 6241	lbs	2200
Wide Width Tensile (10% Strain)	ASTM D	lbs	4800 x 3840
Permittivity	ASTM D 4491	sec -1	0.40
Water Flow	ASTM D 4491	gpm/sf	30
AOS	ASTM D 4751	US Std Sieve	30
UV Resistance	ASTM D 4355	%/hours	80/500