

Silt Guard

GEOGRID REINFORCED SILT FENCE



SiltGuard Geogrid Reinforced Silt Fence is constructed with a 24" tall high tensile strength polypropylene geogrid mesh, covered with a 36" woven slit tape polypropylene silt fence fabric. The fabric is attached to the geogrid reinforcement with galvanized c-rings. The rigid and high tensile strength geogrid mesh reinforcement supports the silt fence fabric in an upright position, even under extreme storm events. The geotextile silt fence apron tag extends into the anchoring trench, providing anchoring and eliminating undercutting from extreme stormwater forces. SiltGuard may be reinforced with either wooden or metal t-post stakes, placed on 8 ft. centers.

SILTGUARD ADVANTAGES

- **Strength:** Exhibits a higher tensile strength than wire.
- **Versatility:** May be used effectively in low volume channels, slopes, jobsite perimeter, linear right of way, or pipeline applications.
- **Eco-Friendly / Ease of Disposal:** 100% recyclable; Efficient removal after completion of jobsites.
- **Ease of Installation:** Increases labor efficiencies with average roll weights of only 18 lbs. /roll, compared to 30 lbs. or 38 lbs. for traditional 14 ga. 4" x 4" and 2" x 4" welded wire mesh reinforced silt fence respectively.
- **Made in the USA:** Manufactured in Houston, Texas; satisfies all Buy America requirements.

Properties	Test Method	Minimum Values
GEOGRID		
Polypropylene Geogrid Mesh	ASTM D6637	Min. values 24" x 100' - 1.2" x 1.2" opening
Aperture Dimension - Nominal		1.2" x 1.2"
Ultimate Tensile Strength		1,000 lbs. / ft
Dimension		24" x 100'
FABRIC		
Grab Tensile	ASTM D4632	65 x 65 lbs
Grab Elongation	ASTM D4632	15 x 15%
CBR Puncture	ASTM D6241	200 lbs.
UV Resistance @ 500 hours	ASTM D4355	70%
AOS (1)	ASTM D4751	.60mm
Permittivity	ASTM D4491	0.05 sec ⁻¹
Dimension		36" x 100'

* Other fabrics available upon request.

Customer should verify with the product manufacturer that customer has the most current SiltGuard specifications for the product ordered or purchased. The SiltGuard system can be used in the application described in our literature and on our website, provided proper installation and engineering principles are followed. Professional engineering should be consulted before installation of SiltGuard units to assure appropriate design and use. ALL EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. SiltGuard is a trademark of Industrial Fabrics, Inc.



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