

Product Flyer

Silt fence, sometimes called a “filter fence,” is a temporary sediment control device used on construction sites to protect water quality in nearby streams, rivers, lakes, and seas from sediment in stormwater runoff. It can be reinforced with wire, fencing, or netting. It can also be unreinforced and simply fastened to the geotextile along each wood stake.

The GeoFence 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 silt fence 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. GeoFence may be reinforced with either wooden or metal t-post stakes, which are typically placed on 6 to 8 foot centers.



Dimensions and Packaging

18”x18”x24” Roll Dimensions (Nominal)

18 rolls per pallet

KEY BENEFITS

- ➔ **Rolls:** GeoFence is typically manufactured in 246 foot long rolls, as opposed to the standardized 100 foot long roll. This optimizes installation speed and costs by reducing the amount of seams/overlap from roll to roll.
- ➔ **Ease of Installation:** GeoFence’s geogrid backing is much easier to cut and flex in the field when compared to traditional, wire reinforced silt fencing.
- ➔ **Lightweight:** Due to the lightweight nature of polypropylene, GeoFence can be 1/6th the weight of traditional, wire reinforced silt fencing. This reduces on transportation costs and increases the speed of installation.
- ➔ **UV/Weather Resistance:** Unlike wire backed silt fencing, GeoFence’s geogrid reinforcement offers increased UV stability and immunity to corrosion/oxidation.
- ➔ **Shape Memory:** In the case that GeoFence is bent by a vehicle or equipment during construction, the geogrid’s stiff physical properties allow the product to reflect back to its original shape.
- ➔ **Post/Stake Compatibility:** Posts and stakes can easily adhere the the many available horizontal and vertical rungs of the biaxial geogrid by using zip ties, tie wire, or by simply weaving the post through the square openings of the geogrid.

