

Woven Geotextiles

TFI 5000 Series - Polypropylene Woven Slit Film Geotextiles



These are high tenacity UV-stabilized polypropylene slit film/fibrillated tape. They have a superior combination of mechanical and hydraulic properties and are suitable for applications involving one or more of the following functions - separation, reinforcement and stabilization

Applications:

1. Separator cum reinforcement for paved / unpaved roads
2. Track-bed stabilization
3. Hard standages
4. Silt fence

TFI 3000 Series – High Strength Polyester Woven Multifilament Geotextiles



These are manufactured from high tenacity multifilament polyester yarns and have high tensile strengths, low elongation and low creep. Recommended for applications involving the function of reinforcement. The geotextile also has low opening size and adequate permeability enabling them to perform the function of separation also.

TechFab India

712 Embassy Centre, Nariman Point, Mumbai – 400021, INDIA

Tel: +91-22- 22876224 / 6225 Fax: +91-22-22876218

Email: anant@techfabindia.com Website: www.techfabindia.com

Applications:

1. Basal reinforcement of embankments on soft ground
2. Area stabilization
3. Sub grade stabilization
4. Reinforced soil steep slopes

TFI 1000 Series - Polypropylene Woven Multifilament Geotextiles



These are manufactured from polypropylene multifilament yarns with a good combination of mechanical and hydraulic characteristics. These are suitable for applications involving the functions of separation, filtration and stabilization.

Applications:

1. Filters for hard armour erosion control systems
2. Paved / unpaved roads separation and reinforcement of granular bases
3. Track-bed stabilization
4. Geotextile tubes

Advantages of Using Geotextile

With a design alternative incorporating geotextile, immediate cost savings are possible through one or more of the following:

1. Partial or full replacement of sand blanket / capping layer /stabilization lift
2. Reduction in depth of excavation
3. With use of geotextile separator, there is no need of sacrificial aggregate
4. Reduction in aggregate crust thickness
5. Possibility of using less expensive aggregate Pavement designs incorporating woven geotextiles also offer substantial long-term benefits in the form of better performance, longer life and lower maintenance cost

TechFab India

712 Embassy Centre, Nariman Point, Mumbai – 400021, INDIA

Tel: +91-22- 22876224 / 6225 Fax: +91-22-22876218

Email: anant@techfabindia.com Website: www.techfabindia.com