



Quality

Garware Wall Rope Ltd. is a ISO 9001 company. This Certification was awarded originally in the year 1995.

Geosynthetics Division was included as apart of ISO 9001:2000 certification in the year 2001.

Highest quality standards are maintained in the manufacture of Garware Woven Geotextile right from the manufacture of Polypropylene multifilament yarn to geotextile rolls. All the Quality parameters are certified after the samples drawn from the manufactured rolls are tested in our own geotextile testing laboratory.



Wide width tensile test in progress



Water permeability testing machine

For more information like Product Specifications, Services , Case Studies,etc. for Garware Woven Geotextiles and other Geosynthetic Products visit our site, www.garwareropes.com



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Garware Woven Geotextiles



Garware-Wall Ropes Ltd.
Geosynthetics Division





Geotextile is a member of the Geosynthetics family. Woven geotextile is the time tested geotextile used for various Civil Engineering applications. New technological developments in woven geotextile like polypropylene multifilament fabric is ideal for reinforcement, drainage, filtration and separation functions. It mobilizes high tensile strength at low extension.

Product Information

Garware woven geotextiles are made from polypropylene multifilament high tenacity yarns extruded from high molecular weight polypropylene granules. These individual extruded yarns are twisted together. These twisted yarns are then woven together to provide relatively dimensional stability to each other and form a Geotextile.



Features of Garware Woven Geotextile

- ♦ Available in strengths ranging from 30 KN/m to 350 KN/m. Application based woven geotextile can be produced to meet the project specifications
- ♦ Inert to chemical attack
- ♦ UV stabilized
- ♦ Non-Biodegradable
- ♦ Available in roll widths of 3.2 mtrs. and 5 mtrs. and length of 100 mtrs.



Geobags ready for installation at SMC, Surat



Geotextile filter below erosion control bund at Moti Danti, Valsad

Benefits

Strength :

Garware Woven Geotextile combine the properties of high tensile strength, modulus and high confinement with their ability to act as reinforcement layer.

Drainage :

Garware Woven Geotextiles have uniform openings that provide the same filtration and flow characteristics as that of sand layer. Multifilament of geotextile provide additional enplane permeability due to wicking action.

Interaction :

Soil confinement provided by the Geotextile results in greater load distribution.

Seams :

Adjacent panels of Garware Woven Geotextile can be stitched together to provide cross directional strength. This further facilitates installation and reduces wastage due to overlaps.

Cost :

Garware Woven Geotextile provides cost effective solutions for reinforcement, filtration and drainage application.

Garware Woven Geotextile Applications

- ♦ Coastal and Shore Protection Works
- ♦ Drainage Applications In Roads
- ♦ Filtration Application
- ♦ Trackbed Stabilization
- ♦ Reinforced Embankments
- ♦ Bridge Abutments
- ♦ Soft Soil Foundation Reinforcement
- ♦ MSE Walls
- ♦ Highway, Railway Embankments
- ♦ Waste Landfill Lining Systems
- ♦ Land Reclamation



Filter cum separator at L&T Shell Hazira site



Geotextile filter wrapping erosion control wall at PWD, Tamilnadu site



Encapsulated sand drains at MIDC, Thane

