

Readily Available Geosynthetics

GEOTEXTILES are the oldest and most commonly used geosynthetic today, and are engineered to provide cost-effective solutions to meet specific design requirements. And although there are at least 80 specific 'applications' for geotextiles that have been developed, a geotextile always performs at least one of five discrete 'functions': **separation, reinforcement, filtration, drainage, protection**. The function(s) needed for a specific project, or a specification, will determine the type of geotextile that you need.

Woven geotextiles consist of monofilament, multifilament, slit-film and/or fibrillated slit-film yarns, that are woven into a geotextile on conventional textile weaving machinery using a wide variety of traditional, as well as proprietary, weaving patterns. Readily available woven geotextiles include:

FX® - 55 & FX® - 66



FX®-55 is a medium weight geotextile and the one most frequently used in private engineered projects. **FX®-66** is a heavier weight geotextile typically used when higher than average stabilization is required. Separation under driveways and streets, parking, and is on NYDOT approved list.

APPLICATIONS: Separation under driveways and streets, parking, storage and staging areas, roadways, airport runways, paving blocks, and access/haul roads / Wrapped-face retaining walls / Foundation stabilization / Daily landfill cover

Carthage 6%™

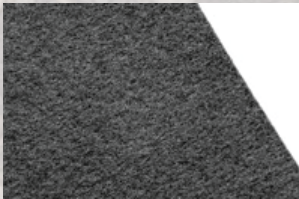
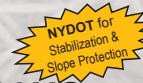


Carthage 6% is a woven monofilament geotextile for filtration.

APPLICATIONS: Bulkheads under riprap or concrete revetment systems for channel, shoreline waterway protection / Subsurface drainage systems in problematic soils / Drainage/filtration/collection systems in landfills / Spillways and swales

Nonwoven geotextiles are often referred to as 'multipurpose', and to a great degree deliver on that promise. Contributing to their popularity is their cost-of-manufacture to weight ratio is less than their woven counterparts. Readily available nonwoven geotextiles include:

FX® - 45HS , FX® - 60HS , FX® - 80HS



FX-HS Series of nonwoven geotextiles are often times considered 'multipurpose' geotextiles as they can offer immediate and cost effective solutions for many separation, drainage, erosion control and filtration applications.

APPLICATIONS:

Subsurface Drainage applications or systems along highways, under airfields and athletic fields, and within embankments. / Filtration/drainage in Segmental Retaining Walls (SRW) / Separation under roadways, airport runways, access/haul roads and railroad ballast / Permanent Erosion Control under riprap for slope and shoreline protection / Site Dewatering Bags / Landfill drainage and filtration / Subsurface barriers

GEOGRIDS form a distinct category of geosynthetics designed for reinforcement. These products are characterized by a relatively high tensile strength and a uniformly distributed array of large apertures (openings between the longitudinal and transverse elements). Our readily available geogrid is:

GBX® - 12



GBX-12 (aka type 2 geogrid) is a biaxial geogrid. The GBX Series is a competitively priced full-line of biaxial geogrids that employs the same combination of technology and materials which have demonstrated decades of proven success in the United States and throughout the world.

This product is Ideal for roadways or where excessive loads are anticipated.

Watertown

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Ph: (315) 788-2612 • Fax: (315) 785-0361

UTICA

1300 Stark St • Utica, NY 13502
Ph: (315) 724-7119 • Fax: (315) 724-0171

Syracuse

6300 E. Molloy Rd • E. Syracuse, NY 13057
Ph: (315) 671-4400 • Fax: (315) 671-4404

Available Upon Request

GEOTEXTILES

A wide selection of geotextiles are available upon request within the following series:

FX® - MF & TF



FX®-MF and TF High-Performance Series of woven polypropylene geotextiles were developed to deliver the higher strengths and long-term performance that cannot be achieved by typical woven slit-film geotextiles.

FX® - HSE



FX®-HSE Series of nonwoven geotextiles are specially designed for a wide variety of applications in the environmental market, including liner protection and gas collection.

GEOGRIDS

GX® - Geogrids (PET)



GX Geogrids are manufactured from high-tensile, high molecular weight polyester (PET) fibers to meet the most demanding soil reinforcement applications. They are commonly used in SRWs, MSEs, steepened slopes,

INLET PROTECTION

YELLOW JACKET™

The Yellow Jacket provides superior sediment control, with hassle free installation, and simple removal when necessary. It accommodates round drains as well as rectangular inlets, has 4 sizes to choose from, and also has an easily removable 2" foam deflector included. If properly maintained the Yellow Jacket can be reused for the life of the project or longer.



SANDBAGS



Sandbags are in high demand during any heavy rain event because they are useful in containing an overflow of flood water and debris. Carthage Mills economy sandbags are durable, affordable, and shrink-wrapped in bundles for the most efficient shipping rates available.

GEOCELLS

CX™ & CXW™ Series



There are two main types of Geocells in the CX™ series; CX™-20 and CX™-30.

CX™-20 APPLICATIONS: Load support / Access roads / Fire access lanes / Boat ramps / Parking lots / Golf cart paths / Trails & pathways.

CX™-30 APPLICATIONS: Slope support / Embankment restoration slopes / Roadside shoulder reinforcement / Swales / Ports & marinas

DRAINBOARD

DX™ Series



Drainage Composites collect and channel water away from a variety of structures.

APPLICATIONS: Foundation walls / Planters / Terrace / Patios / Pavers

GEOMEMBRANES/LINERS



McQuade & Bannigan can provide Geomembrane and Liners in a variety of physical, mechanical, and chemical resistant properties designed to meet the requirements of a wide range of applications.

APPLICATIONS: Mining / storm water applications / Golf courses and commercial landscaping / Reservoirs / Landfills

10/11/2018

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