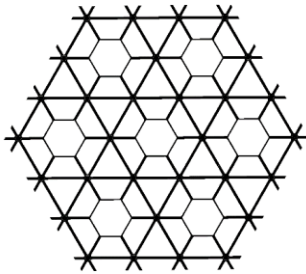


Tensar International Corporation reserves the right to change its product specifications at any time. It is the responsibility of the person specifying the use of this product and of the purchaser to ensure that product specifications relied upon for design or procurement purposes are current and that the product is suitable for its intended use in each instance.

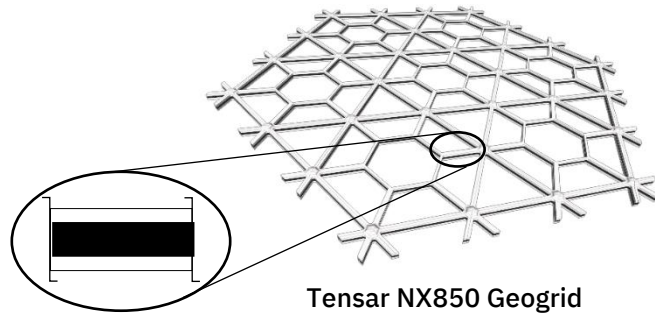
InterAx™ FilterGrid™ is a composite geosynthetic consisting of InterAx geogrid bonded to a nonwoven geotextile. This product combines the most advanced InterAx geogrid technology with the added functionality of a nonwoven geotextile where site conditions require additional filtration and/or separation.

General

- The geogrid is manufactured from a coextruded, composite polymer sheet, which is then punched and oriented. The resulting structure consists of continuous and non-continuous ribs forming three aperture geometries (hexagon, trapezoid, and triangle) and an unimpeded suspended hexagon.



Tensar NX850 Geogrid
Plan View



Tensar NX850 Geogrid
Perspective View

- The following properties are intended for product identification:

Identification Properties ¹	General
<ul style="list-style-type: none"> Aperture shapes Structure Rib shape Continuous parallel rib pitch⁽²⁾, mm (in) Rib aspect ratio⁽³⁾ Node thickness⁽²⁾, mm (in) Color identification 	<p>Hexagonal, Trapezoidal, & Triangular Coextruded & Integrally Formed Rectangular 80 (3.2) > 1.0 4.5 (0.18) White / Black / White</p>

- The needle punched nonwoven geotextile (nominal 6 oz / sy) is thermally bonded to the geogrid and is manufactured at a NTPEP audited facility. The geotextile shall have the following properties:

Index Properties - Geotextile	Test Method	English (MARV ²)	Metric (MARV ²)
Grab Tensile Strength	ASTM D 4632	160lbs.	0.711 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	60 lbs.	0.267 kN
CBR Puncture Resistance	ASTM D 6241	410 lbs.	1.823 kN
Permittivity	ASTM D 4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Water Flow	ASTM D 4491	110 gpm/ft ²	4480 l/min/m ²
Apparent Opening Size (AOS)	ASTM D 4751	70 Std. U.S.	0.212 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

Dimensions and Delivery

The geogrid shall be delivered to the jobsite in roll form with each roll individually identified. Rolls are shipped with nominal measurements: Equal to 3.8 meters (12.5 feet) in width by 60 meters (197 feet) in length.

Notes

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759-02
2. Nominal dimensions
3. Ratio of the mid-rib depth to the mid-rib width

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This specification supersedes any and all prior specifications for the product designated above and is not applicable to any product shipped prior to March 1, 2021. Tensar and InterAx are trademarks of Tensar International Corporation or its affiliates in the US and many other countries. U.S. and foreign patents pending on this product and its method of manufacture and use. Final determination of the suitability of the above-mentioned information or product for the use contemplated, and its manner of use are the sole responsibility of the user. Tensar International Corporation disclaims any and all express, implied or statutory warranties, including but not limited to, any warranty of merchantability or fitness for a particular purpose regarding this product or the Company's other products, technologies or services. The information contained herein does not constitute engineering advice. (04.21)



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GEOSYNTHETICS

Filter Fabrics
Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basis, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**