



## Miragrid® 5XT

Miragrid® 5XT geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns woven in tension and finished with a PVC coating. Miragrid® 5XT geogrid is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Miragrid® 5XT geogrid is used as soil reinforcement in MSE structures such as segmental retaining walls, precast modular block walls, wire faced walls, geosynthetic wrapped faced walls and steepened slopes. Miragrid® 5XT is also used in MSE stabilized platforms for voids bridging, embankments on soft soils, landfill veneer stability, reducing differential settlement and for foundation seismic stability.

TenCate Geosynthetics Americas is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE
			MD
Tensile Strength @ Ultimate	ASTM D6637(Method B)	lbs/ft (kN/m)	4700 (68.6)
Tensile Strength @ 5% strain	ASTM D6637(Method B)	lbs/ft (kN/m)	1740 (25.4)
Mass/Unit Area <sup>1</sup>	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	9.3 (315)
			MINIMUM ROLL VALUE
Creep Rupture Strength <sup>2</sup>	ASTM D5262/D6992	lbs/ft (kN/m)	3264 (47.6)
Long Term Design Strength <sup>3</sup>		lbs/ft (kN/m)	2826 (41.2)
PHYSICAL PROPERTIES	UNIT	ROLL CHARACTERISTIC	
Roll Dimensions <sup>4</sup> (width x length)	ft (m)	6 x 300 (1.8 x 91)	
		12 x 150 (3.6 x 46)	
		12 X 1000 (3.6 x 305)	
Roll Area	yd <sup>2</sup> (m <sup>2</sup> )	200 (167)	
		200 (167)	
		1333 (1114)	
Estimated Roll Weight	lbs (kg)	135 (61)	
		135 (61)	
		831 (376)	
Label Roll Color		WHITE	

<sup>1</sup> Typical Value

<sup>2</sup> 75-year design life based on NTPEP Report [REGEO-2016-01-064](#).

<sup>3</sup> Long Term Design Strength for sand, silt, clay. RF<sub>CR</sub> = 1.44; RF<sub>ID</sub> = 1.05; RF<sub>D</sub> = 1.1 (Installation damage reduction factor for other soils available upon request).

<sup>4</sup> Special order roll lengths are available upon request

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FGS000531  
ETQR28



# LOCATIONS & CONTACT INFO

## ASP ENTERPRISES

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Colorado Springs, CO 719.257.7840

Salt Lake City, UT 435.276.0820

# SOLUTIONS WE SUPPLY

## 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**