

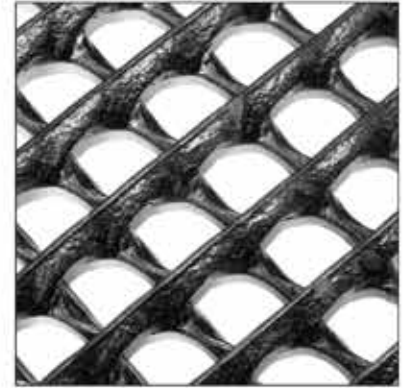


**A.M. LEONARD®**  
HORTICULTURAL TOOL & SUPPLY | SINCE 1885

# Trackway

## AVAILABLE ROLL DIMENSIONS AND WEIGHT

ENGLISH		METRIC	
Dimensions	Weight	Dimensions	Weight
4' x 6.7'	21.9 lbs	1.2m x 2.05m	9.9 kg



Extruded Ground Protection

## PHYSICAL CHARACTERISTICS

## NOTES

Polymer Type	High Density Polyethylene + Foam	
Structure	Rhomboidal	
Color	Black	
Stabilizer	UV Stabilizer	
Packaging	Plate	

## TECHNICAL CHARACTERISTICS

## NOTES

	ENGLISH		METRIC		
	UNIT		UNIT		
MD Pitch	in	1.85	mm	47	a, c
TD Pitch	in	1.65	mm	42	a, c

## TECHNICAL CHARACTERISTICS

## NOTES

	ENGLISH				
	UNIT				
Compressive strength, Residual Thickness at 720 kPa (15000psf)	%		50		c

### Notes

- a Longitudinal direction
- b Transversal direction
- c All dimensions and properties are reported as typical values

# TRACKWAY

## Bi-axial Geogrid Polypropylene

Especially designed for solid stabilization and reinforcement applications. Manufactured from a unique process of extrusion and biaxial orientation to enhance their tensile properties. Features consistently high tensile strength and modulus, excellent resistance to construction damages and environmental exposure.

### Typical Applications

Soft soil stabilization, base reinforcement, embankments over soft soils, working platforms, haul roads

### PRODUCT PROPERTIES

Technical Characteristics	Units	MD Values <sup>1</sup>	XMD Values <sup>1</sup>
Aperture Dimensions <sup>2a</sup>	mm (in)	41 (1.61)	31 (1.22)
Minimum Rib Thickness <sup>2b</sup>	mm (in)	1.3 (0.05)	1.1 (.043)
Tensile Strength @ 2% Strain <sup>3</sup>	kN/m (lb/ft)	7.0 (480)	7.0 (480)
Tensile Strength @ 5% Strain <sup>3</sup>	kN/m (lb/ft)	14.0 (960)	14.0 (960)
Ultimate Tensile Strength <sup>3</sup>	kN/m (lb/ft)	20.0 (1,370)	20.0 (1,370)

### STRUCTURAL INTEGRITY

Junction Efficiency <sup>4</sup>	%	90
Flexural Stiffness <sup>5</sup>	mg-cm	1,000,000
Aperture Stability <sup>6</sup>	m-N/deg	0.5

### DURABILITY

Resistance to Long Term Degradation <sup>7</sup>	%	90
Resistance to UV Degradation <sup>8</sup>	%	100

### DIMENSIONS AND DELIVERY

The biaxial geogrid shall be delivered to the jobsite in roll form with each roll individually identified and nominally measuring 4m (13.1-FT) in width and 100m (328-FT) in length.

### Notes

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759-02.
2. Nominal dimensions.
  - 2a. Aperture tolerance  $\pm 3\text{mm}$
3. Tensile Strength is determined in accordance with ASTM D6637-01.
4. Load transfer capability determined in accordance with GRI-GG2-05 and expressed as a percentage of ultimate tensile strength.
5. Resistance to bending force determined in accordance with ASTM D7748
6. Resistance to in-plane rotational movement measured by applying a 20 kg-cm (2 m-N) moment to the central junction of a 9-IN x 9-IN specimen restrained at its perimeter in accordance with US Army Corps of Engineers Methodology for measurement of torsional rigidity.
7. Resistance to loss of load capacity or structural integrity when subjected to chemically aggressive environments.
8. Resistance to loss of load capacity or structural integrity when subjected to ultraviolet light aggressive weathering.

Tenax warrants that the geogrid products delivered hereunder conforms to the stated specification at the time of delivery. All other warranties including claims for performance or suitability for application are excluded. This product specification supersedes all prior specifications for the product described above and is not applicable for products shipped before November 2014.