



HDPE Biaxial Plastic Geogrid for Roadbed Reinforcement

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: YUDA
- Model Number: Plastic flat net
- Minimum Order Quantity: 100 Square Meter
- Price: US \$0.6 - 2.8/ Square Meter
- Packaging Details: Customized according to buyer's requirements
- Delivery Time: 3-10 day
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 200000 Square Meters/ day



Product Specification

- Product Name: Plastic Net
- Keys Words: High Strength Biaxial Plastic Geogrid For Roadbed Reinforcement Earthwork Products
- Material: HDPE
- Hole Shape: Diamon, Square, Hexagonal Etc.
- Weight: Lightweight
- Durability: High
- Sample Survice: Provide
- Highlight: **High Strength Biaxial Plastic Geogrid, Roadbed Biaxial Plastic Geogrid, Reinforcement Biaxial Plastic Geogrid**



More Images



Product Description

High Strength Biaxial Plastic Geogrid For Roadbed Reinforcement Earthwork Products

Product Attributes

Product Name	Plastic Net
Material	HDPE
Hole Shape	Diamond, square, hexagonal etc.
Weight	Lightweight
Durability	High
Sample Service	Provide

Product Description

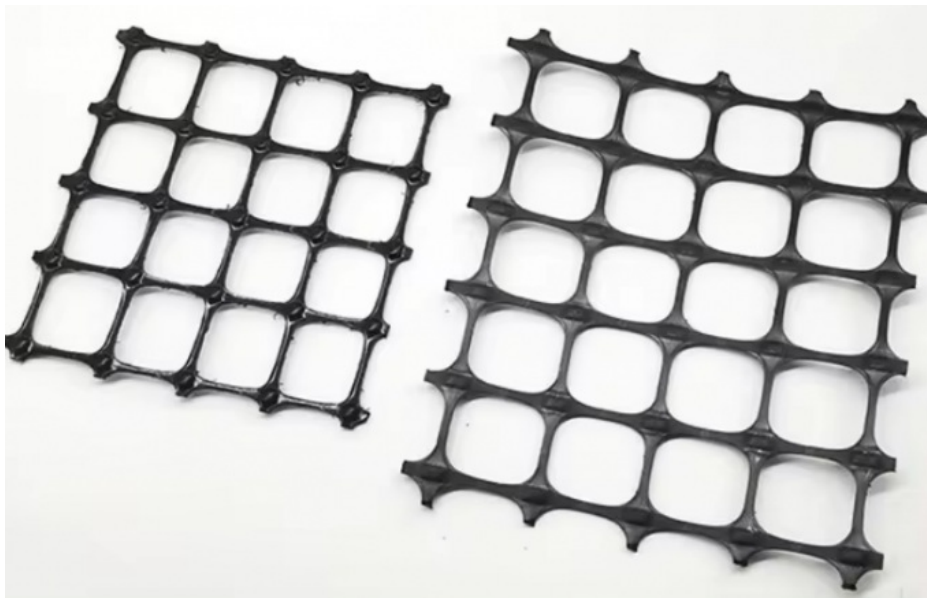
Biaxial plastic geogrid uses polymer (polypropylene) as the main raw material, adds nano-scale carbon black, extrudes a continuous sheet, punches regularly on the sheet, and then heats and stretches the screen (one-way or one-way first and then two-way). The stretching process makes the original scattered pore-distributed clusters of molecular chains re-align along the stretching direction, in a straight state, so that the tensile strength of the geogrid is greatly increased, the tensile strain and creep strain are significantly reduced, and the mechanical properties of material is improved.

Specification	Value
Tensile strength(MD/CD)	15-50 KN
Width	1-6 m
Length	50-100m
Material	PP
Port	Qingdao
Delivery	2-20 days
Packing	Nude packing or as customers' requests



Product Features

- High tensile strength at both longitudinal and transverse direction
- Improving bearing capacity of foundation
- Preventing cracking and subsiding
- Convenient to construct, reducing cost and maintaining expense



Advantages

High strength and tensile performance: The geogrids have high tensile strength and stiffness, and can withstand large loads and stresses.

Durability: The geogrid has good chemical resistance and aging resistance, and can be used for a long time under different environmental conditions.

Permeability: The mesh structure of the geogrid allows water to pass through, helping to drain water and prevent liquid accumulation.

Easy to install: The geogrid is relatively light and flexible, easy to handle and install, and can be cut and customized as needed.

Technical Parameters

Item	TGSG 15-15	TGSG 20-20	TGSG 25-25	TGSG 30-30	TGSG 40-40	TGSG 45-45	TGSG 50-50
Vertical Tensile Strength (KN/m) \geq	15	20	25	30	40	45	50
Horizontal Tensile Strength (KN/m)	15	20	25	30	40	45	50
Vertical elongation ratio (%) \leq	13						
Horizontal elongation ratio (%) \leq	13						
Vertical stretching force at 2% elongation(KN/m) \geq	5	7	9	10	14	16	17.5
Horizontal stretching force at 2% elongation(KN/m) \geq	5	7	9	10	14	16	17.5
Vertical stretching force at 5% elongation(KN/m) \geq	7	14	17	21	28	32	35
Horizontal stretching force at 5% elongation(KN/m) \geq	7	14	17	21	28	32	35
Length (m)	50						
Width (m)	1-6						



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