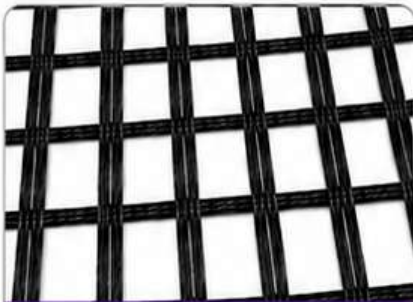




JAYATMA™
INDUSTRIES LTD.

PREMIUM QUALITY **GEO SYNTHETICS**

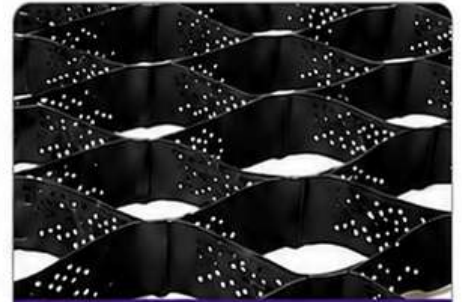
STRENGTHENING INFRASTRUCTURE.
BUILDING **TOMORROW.**



PET GEOGRID



PET GEOSTRIP



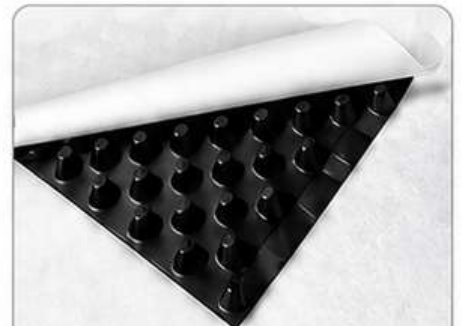
GEOCELL



PP GEOGRID



GEOCOMPOSITE



**HOPE DIMPLE
DRAINAGE BOARD**



www.jayatmaindustries.com

ABOUT JAYATMA INDUSTRIES LTD.

Jayatma Industries Ltd. is a trusted name in the manufacture of high-performance geosynthetic solutions for modern infrastructure.

We specialize in **WOVEN PET GEOGRID** – a high strength, durable and reliable solution for soil reinforcement in roads, railways, retaining walls and other critical applications.

Engineered for excellence and built to last, our products ensure strength, stability and sustainability in every project.

Proudly made from indigenous raw material.



TECHNICAL SPECIFICATIONS

JIL WOVEN PET GEOGRID (BIAXIAL)

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE	
			20 – 400	20 – 400
Polymer	-	-	Woven PET	Woven PET
Tensile Strength (MD)	ISO 10119	kN/m	20 – 400	20 – 400
Tensile Strength (TD)	ISO 10119	kN/m	20 – 400	20 – 400
Elongation @ Break (MD)	ISO 10119	%	≤ 15	≤ 15
Elongation @ Break (TD)	ISO 10119	%	≤ 15	≤ 15
Aperture Size	-	mm	12 – 50	12 – 50
Junction Strength	ASTM D6637	N	≥ 50%	≥ 50%
Roll Width	-	m	1.0 – 6.0	1.0 – 6.0
Roll Length	-	m	50 – 100	50 – 100

JIL WOVEN PET GEOGRID (UNIAXIAL)

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE	
			20 – 1200	20 – 1200
Polymer	-	-	Woven PET	Woven PET
Tensile Strength (MD)	ISO 10119	kN/m	20 – 1200	20 – 1200
Elongation @ Break (MD)	ISO 10119	%	≤ 15	≤ 15
Aperture Size	-	mm	12 – 50	12 – 50
Junction Strength	ASTM D6637	N	≥ 50%	≥ 50%
Roll Width	-	m	1.0 – 6.0	1.0 – 6.0
Roll Length	-	m	50 – 100	50 – 100

JIL WOVEN PET GEOGRID

WOVEN PET GEOGRID is a high strength geosynthetic material manufactured from premium quality polyester (PET) yarns using advanced weaving technology.

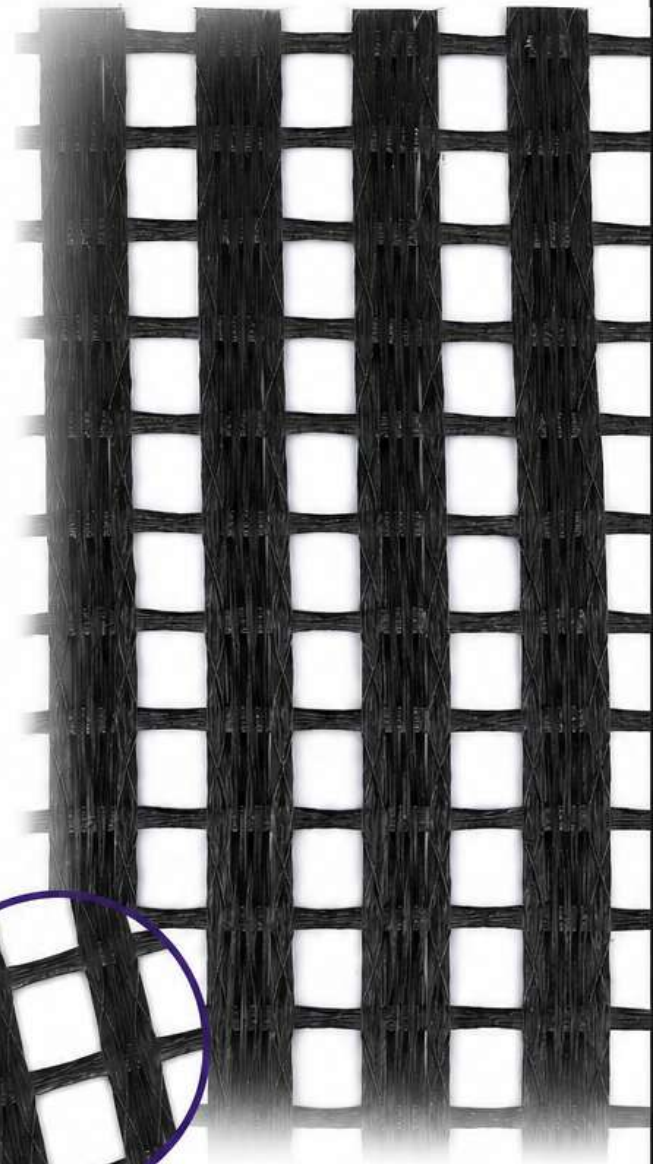
It is designed to provide excellent soil reinforcement by improving load distribution, enhancing stability and increasing the service life of civil engineering structures.

FEATURES

- ✓ High tensile strength with low elongation
- ✓ Excellent creep resistance
- ✓ Superior junction strength and soil interlock
- ✓ Chemically inert and environment friendly
- ✓ Long service life with high durability

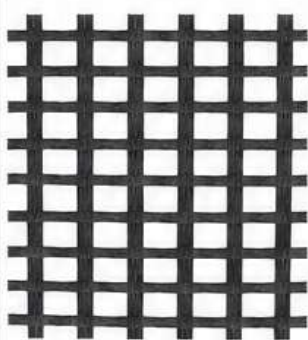
BENEFITS

- ✓ Reduces rutting and settlement
- ✓ Improves load distribution
- ✓ Enhances structural stability
- ✓ Extends pavement life
- ✓ Cost-effective and sustainable solution



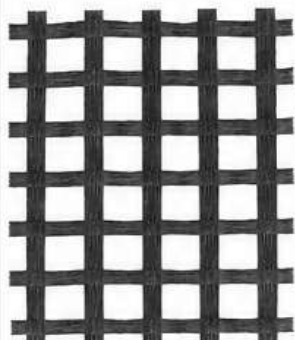
JIL WOVEN PET GEOGRID VARIANTS

JIL WOVEN PET GEOGRID



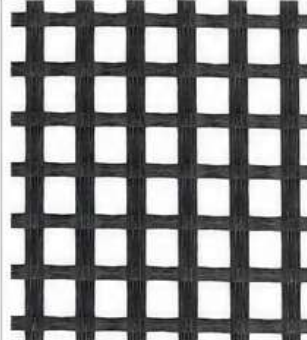
Size:
100 x 30 Kn/Mtr

JIL WOVEN PET GEOGRID



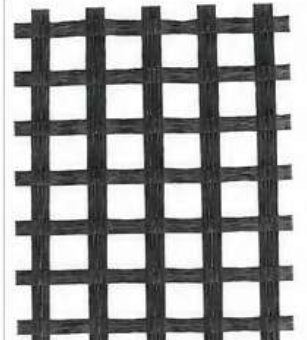
Size:
200 x 30 Kn/Mtr

JIL WOVEN PET GEOGRID



Size:
80 x 80 Kn/Mtr

JIL WOVEN PET GEOGRID



Size:
100 x 100 Kn/Mtr

APPLICATIONS IN INFRASTRUCTURE



RETAINING WALLS (MSE)

Used as reinforcement in mechanically stabilized earth walls for enhanced structural performance.



ROAD & HIGHWAY

Improves load bearing capacity of subgrade, reduces rutting and increases pavement life.



RAILWAY EMBANKMENTS

Provides lateral stability, minimizes ballast movement and improves track performance.

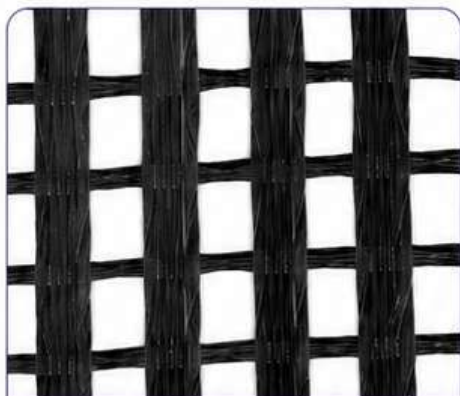


SLOPE STABILIZATION

Enhances slope stability and prevents soil erosion in critical applications.



PRODUCT RANGE



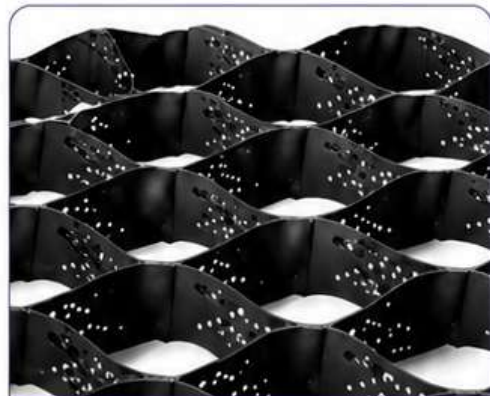
WOVEN PET GEOGRID

-  High tensile woven structure for superior soil reinforcement.
-  Enhances load distribution and long-term stability.



PP GEOGRID

-  Strong polypropylene grid for base reinforcement applications.
-  Offers durability with excellent chemical resistance.



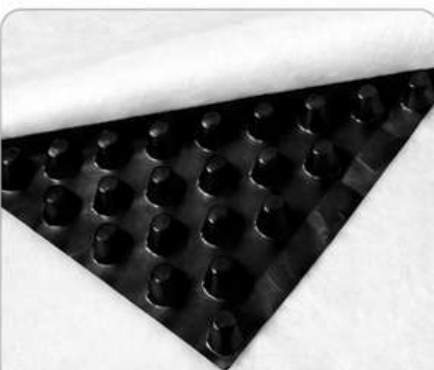
GEOCELL

-  Three-dimensional cellular confinement system that improves load capacity.
-  Prevents lateral movement and controls erosion effectively.



PET GEOSTRIP

-  High strength PET geostrip used for soil stabilization and pavement reinforcement.
-  Provides excellent tensile strength and reduces rutting and cracking.



HDPE DIMPLE DRAINAGE BOARD

-  Dimpled HDPE drainage board for efficient water drainage and protection of waterproofing membranes.
-  Helps in reducing hydrostatic pressure and enhances structure life.



GEOCOMPOSITE

-  High performance combination of geotextile and geogrid for separation, reinforcement and filtration.
-  Ensures improved stability, drainage and overall performance of projects.

GET IN TOUCH



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Gujarat, India



JAYATMATM
INDUSTRIES LTD.

Strengthening Infrastructure.
Building **Tomorrow.**

ASSOCIATIONS & MEMBERSHIPS:



————— **QUALITY, STRENGTH, RELIABILITY** —————

That's the **JAYATMA** Promise