

Wholesale High Quality&Factory Price Polyester Geogrid From China Polyester Geogrid Manufacturers

Taidong is a professional polyester geogrid manufacturers, supply high quality&factory price polyester geogrid, welcome to consult wholesale polyester geogrid for sale.

Polyester geogrid (polyester warp-knitting polyester geogrid factory price produced by the China polyester geogrid manufacturers, polyester high-strength fiber geogrid) adopts high-strength nylon industrial filament, through warp-knitting directional weaving mesh grey cloth, after coating processing into geogrid. High quality polyester geogrid is applied to soft soil foundation treatment, embankment and embankment strengthening to improve engineering quality and reduce engineering cost.

Features of Polyester Geogrid

Geogrid is one of the main geosynthetic materials. Compared with other geosynthetic materials, geogrid has unique properties and functions. Geogrids are often used as reinforcement of soil structures or composite materials such as reinforcement. Geogrid is divided into four categories: plastic geogrid, steel-plastic geogrid, fiberglass geogrid, and high quality polyester geogrid. Polyester geogrid has high tensile strength, high tear strength, and strong binding force with soil gravel.

Warp knitting polyester geogrid factory price produced by the China polyester geogrid manufacturers selects polyester fiber as raw material. Use the warp knitting oriented structure, latitude and longitude in the fabric to the yarn to each other without bending state, intersection with high strength fiber filament bundle together, form a strong point, give full play to its mechanical properties, the warp knitting polyester geogrid has high tensile strength, extension force is small, tear resistance strength, vertical and horizontal intensity difference is small, ultraviolet aging resistance, wear resistance, corrosion resistance, light, and soil or gravel interlocking power, to enhance soil shear and soil reinforcement to improve the integrity and load force, has a significant effect.

1. High tensile strength.
2. Low elongation.
3. Corrosion resistance and aging resistance.
4. Strong bite force with the base material.
5. Lightweight, drainage.

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Parameters of Polyester Geogrid

Performance / Specification	20-20	30-30	40-40	50-50	80-80	100-100	120-120
Elongation%	10%--15%						

Tensile strength (KN/m)	MD	20	30	40	50	80	100	120	
	CD	20	30	40	50	80	100	120	
Mesh size (mm)		12.5×12.5	12.7×12.7	25×25	25.4×25.4	25.7×25.7	30×30	40×40	50×50
Width (m)		1-6	1-6	1-6	1-6	1-6	1-6	1-6	

Application of Polyester Geogrid

1. Warp knitting polyester geogrid is used for reinforcing soft soil subgrade of roads, railways, municipal roads and other roads, which can effectively improve the strength of subgrade and delay reflection cracks of roads.
2. Warp knitting polyester geogrid factory price produced by the China polyester geogrid manufacturers hydraulic engineering dam, river reinforcement, isolation, strengthening the soft soil foundation, enhance its protection ability, improve the bearing capacity and stability of the foundation.
3. Warp knitting polyester geoglyphic grating is used for embankment slope reinforcement, retaining wall reinforcement, overall strength enhancement, highway, railway, water conservancy, and other soft soil foundation reinforcement.
4. Warp-knitted polyester geogrid for sale is used for the protection of railway track slag: due to the train vibration and wind and rain, the track slag is lost.
5. Warp-knitted polyester geogrid is used for railway retaining wall: geogrid is used to strengthen the retaining wall beside the railway, such as the platform and cargo platform in the railway station, which can extend the service life and reduce the maintenance cost;
6. Warp knitting polyester geogrid is used for the reinforced retaining wall: adding geogrid beside the highway and vertical retaining wall can improve the bearing capacity of retaining wall;
7. Abutment foundation is generally easy to sink down, the phenomenon of jumping over, in the abutment foundation under the laying of geogrid, can improve the bearing capacity, stable abutment.



Installation of Polyester Geogrid

Polyester geogrid should be used on the construction of pavement asphalt layer of coarse grainstone, the original road surface should be smooth, first after sorting, trim and clean up to construction, with the ordinary grid needs to be fixed by a specific steel studs grille lap joint, joint lateral is larger than 5 cm, longitudinal is more than 10 cm laid by the asphalt treated polyester geogrid for sale sprinkling asphalt adhesive layer of oil, less as far as possible with polyester geogrid for sale construction adhesive type, moderately roller rolling of the roller, asphalt mixture paving and compaction, without specific steel nail fixation.

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