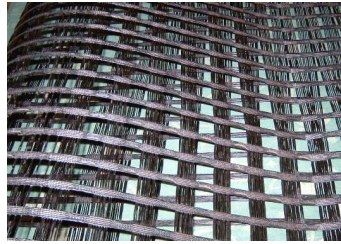


Geotec™ Polyester Geogrid/Warp Knitted Polyester Geogrid



[APPLICATION]

- (1) Roadbed reinforcement of road and railway, crack prevention, increase of roadbed strength;
- (2) Reinforcement and stabilization of riverside, embankment and side slope;
- (3) Dyke reinforcement on soft ground for stress evenness, sedimentation adjustment, increase of stability and loading capacity of fundus;
- (4) Reinforcement of the surface of road and bridge.

[PROPERTIES]

- (1) High intension, high tenacity, high occlusive force with soil or gravel, erosion-resistant, water drainage, light weighth.
- (2) Reinforce soft soil roadbed, rib side slope of embankment, enhance isolation, inhibit ground deformation, prevent crack by reflection, increase strength of roadbed.

[TECHNICAL SPECIFICATION]

Product model	PET	PET	PET	PET	PET	PET	PET	
Project	20/20	30/30	40/40	50/35	50/50	80/80	100/120	
Material	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	
After treatment	PVC soakage	PVC soakage	PVC soakage	PVC soakage	PVC soakage	PVC soakage	PVC soakage	
Tensile strength(KN/m)	Longitudinal	≥ 20	≥ 30	≥ 40	≥ 50	≥ 50	≥ 80	≥ 100
	Transverse	≥ 20	≥ 30	≥ 40	≥ 35	≥ 50	≥ 80	≥ 120
When elongation rate is 10%	10	10	10	10	10	10	10	
Weight of unit area(g/m ²)	300-320	360-380	430-450	500-520	580-600	720-780	980-1050	
Gridding size (mmXmm)	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	
Breadth(m)	2-6	2-6	2-6	2-6	2-6	2-6	2-6	
Remark	Our company can make products based on the different requirement from customers. The largest strength could be 150KN/m.							

Product model		PETC	PETC	PETC	PETC	PETC	PETC	PETC
Item		20/20	30/30	35/50	50/50	80/50	100/100	100/120
Material		High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester	High tenacity polyester
		FDY+PVC soakage	FDY+PVC soakage	FDY+PVC soakage	FDY+PVC soakage	FDY+PVC soakage	FDY+PVC soakage	FDY+PVC soakage
Tensile strength(KN/m)	Longitudinal	>=20	>=30	>=35	>=50	>=80	>=100	>=100
	Transverse	>=20	>=30	>=50	>=50	>=50	>=100	>=120
When elongation rate is 10%		<18	<18	<18	<18	<18	<18	<18
Weight of unit area(g/m ²)		220-235	300-320	360-380	400-420	460-490	600-650	720-780
Gridding size (mmXmm)		25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4	25.4X25.4
Breadth(m)		2-6	2-6	2-5.2	2-6	2-6	2-6	2-6
Remark		Our company can make products based on the different requirement from customers. The largest strength could be 200KN/m.						

[PACKAGE]

Geotec™ Warp Knitted Polyester Geogrid is wound by 76mm diameter cardboard paper roll.50m or 100m per roll,each roll per PE Sheet with label on one side.

