

## Fiberglass Geogrid

### Description

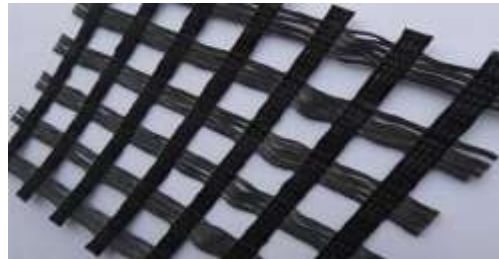
The geogrid is made by using fiberglass yarns to knit into a stable interlocking grid, then coated with modified asphalt. It is a kind of new favorable earthwork base materials to strengthen the road surface and roadbed. The geogrid can effectively improve the strength of subgrade, delaying reflection cracks in the soft soil roadbeds of road. It has excellent tensile strength, thermal stability, anti-corrosion, and low elongation. It can reinforce the road surface and prevent the road surface rut fatigue cracking and the cold-hot expansion crack and the reflection crack.

### Features

- ◆ High vertical and horizontal tensile strength
- ◆ Low unit extension, high flexibility
- ◆ Resistance to chemicals, long service life
- ◆ Weathering resistance from UV degradation
- ◆ Resist to long term creep, scatter bearing stress, prevent roads from cracks and deformation
- ◆ Convenient construction, low costs

### Uses

Reinforcing new or old asphalt concrete roads and asphalt surface layer, semi-rigid base layer. Widely used for highway and roads construction.



### Type and Specification

Item		Test	GG25-25	GG30-30	GG40-40	GG50-50	GG60-60	GG70-70	GG80-80	GG90-90	
Ultimate tensile strength, KN/m	MD	EN ISO10139	25	30	40	50	60	70	80	90	
	CD		25	30	40	50	60	70	80	90	
Elongation at maximum load, %	MD		≤3								
	CD		≤3								
Low temperature resistance, °C			-100-280								
Approximate mesh size, mm			12.7 x 12.7, 25.4 x 25.4, 40 x 40								
Length, m			50-200								
Width, m			1-6								

Item		Test	GG 100-100	GG 120-120	GG 125-125	GG 130-130	GG 150-150	GG 200-200	GG 250-250	GG 300-300	
Ultimate tensile strength, KN/m	MD	EN ISO10139	100	120	125	130	150	200	250	300	
	CD		100	120	125	130	150	200	250	300	
Elongation at maximum load, %	MD		≤3								
	CD		≤3								
Low temperature resistance, °C			-100-280								
Approximate mesh size, mm			12.7 x 12.7, 25.4 x 25.4, 40 x 40								
Length, m			50, 200								
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