

NX SERIES

TECHNICAL DATASHEET

PARTNER
Tensor

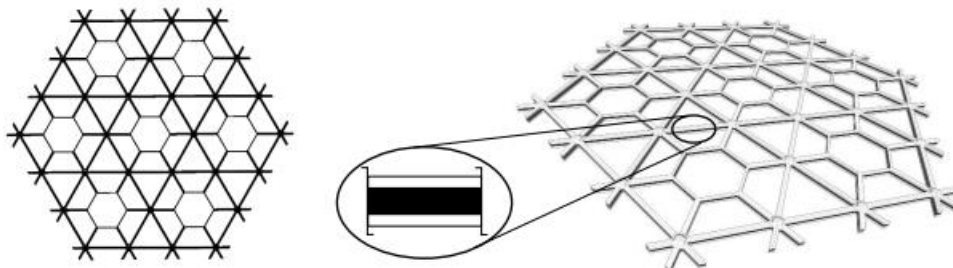
Product	Geogrid
Composition	Coextruded composite polymer
Main function	Reinforcement

NX geogrids are a new generation of reinforcement geogrids. Compared to traditional geogrids (biaxial and triaxial), these geogrids provide superior reinforcement. The geogrid is manufactured from a coextruded, composite polymer sheet, which is then punched and oriented. The resulting structure consists of continuous and non-continuous ribs forming three aperture geometries (hexagon, trapezoid, and triangle) and an unimpeded suspended hexagon.

Property	Test Method	NX750	NX850
Physical			
Rib shape	-	Rectangular	
Aperture shapes	-	Hexagonal, trapezoidal, triangular	
Structure	-	Coextruded and integrally formed	
Color identification	-	White / Black / White	
Rib dimensions			
Continuous parallel rib pitch ¹	-	80 mm	
Rib aspect ratio ²	-	> 1.0	
Node thickness ¹	-	3.5 mm	4.5 mm
Dimensions			
Width	-	3.8 m	
Length	-	60 m	

This technical information comes from the manufacturer and was transcribed by Texel
Properties are based on the Minimum Average Roll Value (MARV) except when specified otherwise.
The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

- 1- Nominal dimensions
- 2- Ratio of the mid-rib depth to the mid-rib width



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