

# G-Grid™ PPS Range

## Technical Data Sheet

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G-Grid™ PPS is a generic name for flexible synthetic mats or meshes used to stabilize large areas of soil. They are made of high strength plastics woven polyester yarns or glass fabric yarns and are typically package in rolls. Geogrids vary in strength and are rated by Long-Term Allowable Design Strength.

Items	Specification						
	PPS 35	PPS 50	PPS80	PPS110	PPS140	PPS200	PPS220
Tensile Strength (KN/m)	35.0	50.0	80.0	110.0	140.0	200	220
Elongation Ratio%	≤10						
Strength at 2% Elongation (≥KN/m)	10.0	12.0	26.0	32.0	42.0	70.0	85.0
Strength at 5% Elongation (≥KN/m)	20.0	28.0	48.0	64.0	80.0	120	140
Roll Length (m)	100				50		
Roll Width (m)	1-1.4, 2-3.2						

Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. GEO-LINK keeps the right of data changes and the final explanation right. Liability Exclusion: This publication should not be construed as engineering advice. While information contained here is accurate to the best of our knowledge, GEO-LINK does not warrant its accuracy or completeness. The only warranty made by GEO-LINK for its products is set forth in our Product Test Report accompanies our shipment of the products, or such other written warranty as may be agreed by GEO-LINK and customer. GEO-LINK specifically disclaims all other warranties, express or implied, including without agreed by GEO-LINK and customer. GEO-LINK specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.



### GEO-LINK Geosynthetics CO., LTD

Room2209, B Yuanda Building, Zhongshan Dist., Dalian, China

TEL.: 86-411-83897853 Fax: 86-411-83895824

Web: [www.Geo-textile.com](http://www.Geo-textile.com) Email: [info@Geo-textile.com](mailto:info@Geo-textile.com)

