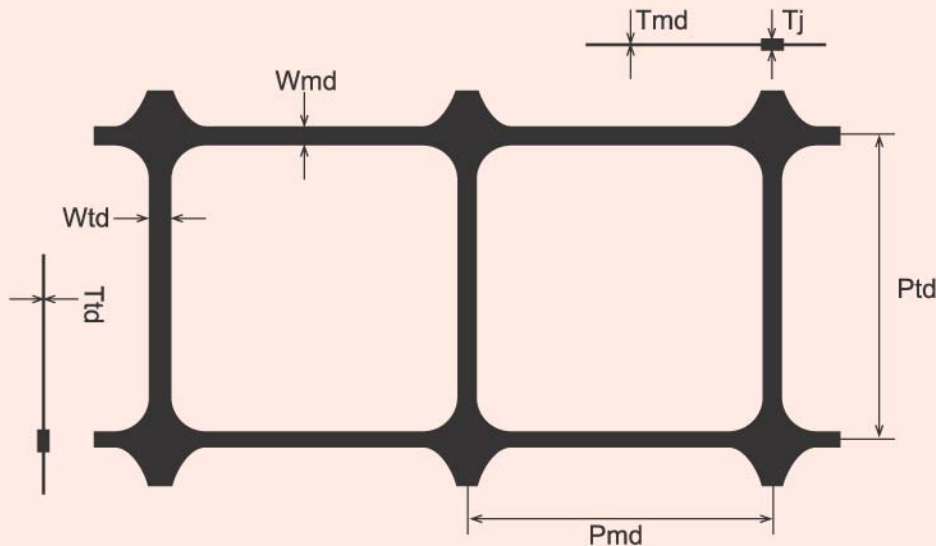


**Specifications**

Product	Properties							Typical Dimensions mm							Standard Roll Sizes(3)
	Tensile Strength (KN/m) (2)		Tensile Load(KN/m)				Junction Efficiency % (4)	Pmd	Ptd	Wmd	Wtd	Tj	Tmd	Ttd	
	MD	TD	2%strain		5%strain										
E'GRID 2020	20.0	20.0	7.5	7.5	15.0	15.0	>95%	40	40	2.0	2.4	3.8	1.0	0.8	200m <sup>2</sup> (3.9mX51.3m)
E'GRID 2020L	20.0	20.0	7.5	7.5	15.0	15.0	>95%	66	66	3.3	4.0	4.0	1.0	0.9	200m <sup>2</sup> (3.9mX51.3m)
E'GRID 3030	30.0	30.0	11.0	11.0	21.6	21.6	>95%	40	40	2.2	2.7	4.0	2.0	1.4	200m <sup>2</sup> (3.9mX51.3m)
E'GRID 3030L	30.0	30.0	12.0	12.5	24.0	25.0	>95%	66	66	3.3	4.0	4.5	1.5	1.4	200m <sup>2</sup> (3.9mX51.3m)
E'GRID 4040	40.0	40.0	14.5	15.0	28.0	29.0	>95%	37	37	2.1	2.8	4.5	2.8	1.6	120m <sup>2</sup> (3.9mX30.8m)
E'GRID 4040L	40.0	40.0	14.5	15.0	28.0	29.0	>95%	61	61	3.5	5.0	5.8	2.0	1.6	120m <sup>2</sup> (3.9mX30.8m)



- Note 1** In accordance with BS2782 Part 4, Method 452B,1993.
- Note 2** Measured in accordance with ISO10319 at 20 ± 2°C; calculated as the 95% lower confidence limit in accordance with ISO2602 1980 (BS 2846 Part 2 1981).
- Note 3** Other roll sizes are available to order
- Note 4** Measured by comparing the results of tests in accordance with test methods GRI/GG2 and GRI/GG1

**Polymer: Polypropylene**

**Resistance to Ultra-violet Light:**

A high level of resistance to U-V Light is given to E'GRID Geogrids by the incorporation of ≥2% of weathering-grade carbon black<sup>(1)</sup>, well dispersed in the polymer matrix. These products may be used for many years in exposed conditions.

**Chemical and Biological Resistance:**

E'GRID biaxial Geogrids are manufactured from polypropylene which is unaffected by all chemicals, including acids, alkalis and salts, normally found in soils. Also, it is not a nutrient, therefore, these products are not affected by micro-organisms in soil.

**E'GRID is a Registered Trade Mark**



## Geosynthetics

**E'GRID PRODUCTS** are advanced geosynthetics with a competitive range of engineering properties including strength, modulus, weathering resistance, corrosion resistance and creep performance that are the equal of any others in the world.

### **E'GRID Bi-Axial Geogrids**

Balanced structures with high stiffness and equal MD and TD strength designed to maximise efficient interlock with compacted fill. Mainly used for reinforcement of soft ground reducing the influence of intermittent traffic loading.

### **E'GRID Uni-Axial Geogrids**

Main characteristics are high strength and low creep. Mainly used for reinforcement of walls, abutments and slopes under long term high loading.



**Polymers and master-batch for the production of E'GRID Products** have been strictly tested and selected and performance confirmed in the company's research and development laboratories.

The production line is fully monitored by computerised automatic control systems.

Production is tested and quality controlled in strict accordance with International Standards and stable properties are guaranteed.

### **Supplier**

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### **International Distribution**

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The Sidings Business Park

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Web-site: [www.newgrids.com](http://www.newgrids.com)



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00608Q11472R2M



## The New Force in Geosynthetics

E'GRID is a registered Trade Mark

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