



# DUPONT™ PLANTEX® GROUNDGRID®

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DuPont™ Plantex® GroundGrid® is a strong, three-dimensional and permeable fabric with an innovative honeycombed cellular structure. It is used to confine aggregate, stone, gravel or soil to deliver a firm and stabilised surface for both pedestrian and trafficked areas in a much more durable and effective way than loose laying. It also enhances drainage, as the advanced non-woven structure permits rain water to pass through both horizontally and vertically, thereby preventing the pooling of water or localised flooding that can otherwise occur during heavy rain fall.

Minimising gravel migration and wheel rutting, Plantex® GroundGrid® offers high tensile strength, is ideal for curved or tortuous paths and also highly suited to uneven terrain or to the passage of wheelchairs, prams, buggies, bicycles, motorcycles, and even high heels! Supplied in tightly packed concertina form, Plantex® GroundGrid® is lightweight and easy to expand, cut to size on site, and install.

Properties	Standard	Value	Unit
Diameter of the cells		55	mm
Basis weight (g/m <sup>2</sup> )	EN ISO 9864	190	g/m <sup>2</sup>
Thickness 2kN/m <sup>2</sup>	EN ISO 9863-1	0,54	kN/m
Tensile strength	EN ISO 10319	13	kN/m
Elongation at break	EN ISO 10319	55	%
Opening size O <sub>90w</sub>	EN ISO 12956	80	µm
Water permeability VI <sub>H50</sub>	EN ISO 11058	35	mm/s

For a cell diameter of 55 mm, gravel in the range of 8/16 (or similar) is recommended;

## Dimensions

- 55 mm x 50 mm • 1,25 m x 8 m
- For larger projects, other sizes on request.

## Benefits

- Light weight but high strength material
- Water permeable in all directions
- Helps to create drained surfaces
- Minimizes risk of flooding by reducing surface rainwater runoff
- Flexible material, ideal for curved or winding pathways
- Supports occasional light traffic
- Easy to transport as product is folded
- Does not deteriorate
- Rot resistant

- Avoid any contact of the product with any kind of pesticides, especially herbicides.
- Visit [www.plantexpro.dupont.com](http://www.plantexpro.dupont.com) for specific installation instructions

The product information available here corresponds to our current knowledge and experience on the subject. It is offered solely as information and to provide possible suggestions for your own experimentation to determine for yourself the suitability of our products for your particular purposes and for any specific application of our products. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions DuPont de Nemours has no obligation relative to results and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.

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