

Weed control fabric



* if properly covered


Use

- Effective, chemical-free weed control
- Cover it with a top layer of mulch or gravel

Properties

- Non-woven thermally bonded fibre, 100% polypropylene
- Unique porous structure that allows water and liquid nutrients to pass through to the soil and reach the roots
- Chemically inert, does not decompose with any type of soil (acid or alkali)

Advantages

- High water permeability: no barrier for rain water to reach the roots
- High porosity: allows soil to breathe
- Thermally bonded structure prevents root penetration
- Retains performance for over 20 years if topped with a layer of mulch or gravel
- Offcuts completely recyclable, because 100% PP 



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Technical characteristics

DuPont™ Plantex® is a non-woven structure made up of continuous thermally bonded filaments. Plantex® offers high tensile strength, even in the diagonal direction, and good filtering properties.

- Polymer: 100% black polypropylene
- Density: 0.91
- Melting point: 165° C
- Fibre type: continuous filaments
- Bonding: thermal
- Safety: causes no damage to human health or the environment
- Colour: black

Properties	Standard	Value	Unit
Mass per unit area	EN ISO 9864	55	g/m ²
Thickness under 2kN/m ² pressure	EN ISO 9863-1	0.28	mm
Tensile strength MD	EN ISO 29073-3	140	N/5cm
Tensile strength XD	EN ISO 29073-3	140	N/5cm
Elongation at max. strength MD	EN ISO 29073-3	> 30	%
Elongation at max. strength XD	EN ISO 29073-3	> 30	%
Tear strength MD	ASTM D4533	100	N
Tear strength XD	ASTM D4533	100	N
Apparent opening size O _{90w}	EN ISO 12956	165	µm
Water permeability VI _{H50}	EN ISO 11058	112	mm/s

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

Dimensions: 1 x 50 m
2 x 50 m
1 x 100 m
2 x 100 m

For further information on products and installation, visit our website:
www.plantexpro.dupont.com

Product safety information is available upon request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. 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 makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

Installation

1) Remove existing weeds and level the soil. Roll out Plantex® on well cleared ground.



2) Attach the fabric with DuPont™ Plantex® anchor pins. For large areas requiring more than one fabric, allow for a 10 cm overlap.



3) To ensure a product working life of 20 years, cover Plantex® with at least 5 cm of mulch or gravel.



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