

Covertex™ P100 Weed Control & Separation Fabric



Covertex™ ground cover is an extremely versatile landscaping and horticultural fabric for long-term weed control, moisture conservation and separation.

This premium grade woven membrane has been designed to offer the optimum balance between shade and permeability; and has a high degree of UV stabiliser added to protect it from the harmful effects of exposure to sunlight.

The fabric also has all the properties of a standard geotextile, so can be safely used for separation applications.

Covertex™ ground cover has gained wide recognition for its unrivalled quality and performance, and is the preferred choice of leading consultants and contractors.

Controls Weeds The extra dense black tapes of our fabric effectively block out sunlight from the underlying soil, while the superior weave quality provides a physical barrier that resists penetration.

Starved of light, weed seedlings under the fabric suffer from "etiolation" (The state of vegetation grown in the dark with little or no chlorophyll) and soon die.

While any surface growing weeds that occur from airborne seed are much easier to remove, because their roots are unable to anchor into the ground.

Consequently, using Covertex™ ground cover will dramatically reduce the costs and time involved in maintenance, and minimises undesirable herbicide use.

Excellent Drainage Covertex™ ground cover offers effective permeability at 15 l/m²/sec - avoiding the risk of ponding. Furthermore, the special woven structure ensures long-term drainage performance (Unlike non-woven fabrics which are susceptible to clogging).

Improves Plant Growth The suppression of competitive weed growth allows plants to develop unhindered. While the woven construction allows plant roots to breathe and water, air and nutrients to permeate through.

The fabric also acts as an insulator - maintaining soil warmth and reducing temperature fluctuations. Furthermore, on applications where the membrane is left exposed, the black colour results in high heat absorption.

These features promote more rapid, even and cleaner plant growth, and assist in overcoming some pest and disease problems.

Strong and Durable Covertex™ ground cover is very strong, so will withstand frequent light traffic, while ground stability and load bearing capacity is significantly improved.

More importantly, because plastics become brittle if exposed to sunlight, Covertex™ is made with a high degree of UV stabiliser included to ensure reliable performance over the years on surface, or near surface, applications.

Separation Covertex™ ground cover acts as a physical barrier which permanently prevents top dressings from mixing with the underlying soil, while also filtering out fine particles from water passing through.

Therefore any surface dressing (such as bark or gravel) remains clean and free draining, and the depth of mulch can be reduced.

Root Control Covertex™ ground cover can be used to line tree pits, as the tight weave will help restrict the spread of roots which can potentially damage surrounding property and structures.

Groundwork Geotextile Covertex™ ground cover also functions as a separator geotextile, so is ideal for use beneath narrow tracks (e.g. footpaths, cycleways and bridleways), or on projects where there is a risk that the fabric may become exposed (e.g. gravel drives).

Easy to Use The material is simple to install (manually or with tractor machinery); is supplied in a range of widths for your convenience; can be re-used; and planting holes may easily be cut using a knife or heated tool.

Horticultural Benefits Using Covertex™ ground cover in display areas, nurseries and greenhouses will provide a clean, free draining and hard wearing surface. While the pre-marked white grid aids spacing.

In orchards and fruit beds the fabric is regularly used to maintain a clean crop and reduce maintenance and disease problems.



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Typical Applications:

- Borders and rockeries
- Nursery display areas
- Greenhouse floors
- Soft fruit beds and orchards
- Root control
- Paved areas
- Gravel paths and drives
- Decking basesheet
- Bark play pits
- Horse menages and bridleways
- Cyclepaths and footpaths
- Tree mats and hedge strips
- Planter liners
- Seed harvesting areas
- Golf course bunkers

Specifications	Hy-Tex Covertex™ P100 Ground Cover
Landscaping/Horticultural Features:	
Shade Factor	99%
Permeability	15 litres/m ² /sec
UV Life Expectancy	Minimum 7 years (400 kLy rating)
Colour	Extra dense black with 25cm blue/white grid/lines
Groundwork Features:	
Tensile Strength	md 18 kN/m, cd 13 kN/m
Elongation	md 15%, cd 15%
CBR Puncture Resistance	2,350 N
General Details:	
Composition	Woven Polypropylene
Weight	100 g/m ²
Standard Roll Sizes	1.00, 1.50, 2.00, 3.30*, 4.00* and 5.00*m x 50.00m
(* = Folded in half)	1.00, 1.50, 2.00, 3.30, 4.00 and 5.00m x 100.00m
Tree Mats	0.50 or 1.00m squares with slit to centre

The information and values presented in this datasheet are indicative, they are offered solely to provide possible suggestions. We reserve the right to alter the results of this material without prior notice. As the installation and the conditions of use are beyond our control, Beaulieu Technical Textiles and Hy-Tex (UK) Ltd cannot accept responsibility for the performance of this product, nor will the fabric necessarily provide totally weed free conditions - as some persistent weeds may penetrate the material. The properties listed herein are provided as information only and in no way can create any warranty.

What makes a good ground cover?

The performance of weed control fabrics depends on the balance between three important characteristics (the "Three P's"):

Protection Weeds are best controlled by blocking out the sunlight they need to grow.

Although shade factors are often quoted, the best way to compare actual effectiveness is to hold a fabric sample at arms length and try to look at a bright light source through it.

The less light you can see the better the performance.

Permeability If water and air flow are severely restricted surface puddling will occur, and plant growth can be affected.

Poorly constructed woven fabrics often have low flow rates, while the high flow rates of non-woven fabrics can be misleading - because they are often susceptible to clogging.

Permanence Synthetic ground cover fabrics are used when long term performance is required. However, plastics become brittle over time if exposed to sunlight.

Quality ground covers have a high degree of ultra violet (UV) stabiliser added to overcome this problem. It is therefore important to confirm the UV life of a fabric.