

WHAT YOU NEED TO KNOW ABOUT LANDSCAPE FABRICS

How does one go about selecting a landscape fabric? This is a question that has plagued anyone who has found themselves needing a good solution to weed control. About the only method available currently, is through the comparison of fabric specifications published by each manufacturer. The problem with this method is that most fabric specifications pertain to construction applications rather than landscape. Consequently, most of us become bogged down comparing specifications that have little meaning for our intended purposes. We have tried to narrow these specifications down to those that are most important to landscape applications.

We feel the selection of a landscape fabric should be based on three areas of consideration. They are as follows:

- 1:** The fabric should be just strong enough to withstand the most vigorous stresses of application, but no more. Any added strength is offset with a reduction in permeability, and an unnecessary increase in the price of the product.
- 2:** The fabric should have an even and consistent distribution of fibers and a small enough opening size to keep weedy grasses from coming up through the fabric. Contrary to popular belief, weeds and grasses do not force their way through an obstacle, but rather grow to the light that comes through the smallest of openings or breaks that may exist. Weed seeds will also germinate in small accumulations of soil on top of a fabric, and send tiny root hairs through the smallest of openings to seek water and nutrients from the soil. This problem is largely avoided with the use of spun-bonded fabrics, due to their almost microscopic opening size.
- 3:** Last, but by no means least, the fabric must be porous enough to allow water and air to pass freely to the soil. We feel this is one of, if not the most important characteristic of a superior landscape fabric. If a fabric does not "breathe properly" plants do not get enough oxygen, and soils become sour and sterile. This was the case when plastic sheeting was being used as a weed preventative. Another disadvantage of poor permeability is the problem of runoff. When a fabric does not accept water freely, it tends to wash off the fabric taking any mulch covering, rock or bark, with it. This is a common problem people have mistakenly blamed on the texture of the fabric surface.

Dewitt Company Seed Gard

DeWitt Seed & Plant Guard is a lightweight, .5oz, white, spunbond fabric for use in grass seeding in commercial and residential sites. It creates an excellent microenvironment for seed germination and seedling growth. This fabric provides a 90-95% average seed germination compared to 60-65% with straw or hay and can be used as a low cost insulation against the elements.

1/2 oz. per square yard

- Item Number:** DWSG6X250 6'x250'
- Item Number:** DWSG12X500 12'x500'
- Item Number:** DWSG12X1000 12'x1000'

Winter Protection Fabric

Our Winter Protection white non-woven polypropylene material used for frost protection during winter and early spring. It is designed to let rain and irrigation through while holding in precious heat. Since the material breathes, there is no need to be concerned about foliage burn as with white plastic.

Benefits:

- Made from durable, light weight non-woven polypropylene
- This permeable fabric allows irrigation and limited air flow while restricting heat loss. It's not necessary to remove this fabric on those usually sunny days due to its unique design.
- With limited care this fabric can be used for up to 6 seasons and possibly longer.
- Available in light, medium, and heavy weights to fit your particular climate.

- **Light Weight - 1.5 oz. 6' x 500'**
- **Medium Weight - 3 oz. 12' x 250' and 15' x 250'**
- **Heavy Weight - 6 oz. 15' x 300'**

Restrictor Landscape Fabric

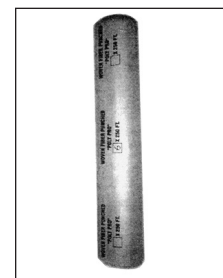
Our Restrictor landscape fabric is a black woven needle-punched fabric. Restrictor provides excellent strength and toughness and has a very high UV resistance. It has a consistent opening size that prevents weed growth and allows water and air exchange with the soil.

Applications:

- Landscape / Weed Control
- Patio / Sidewalk Underlying
- Soil separator when using aggregate

Benefits:

- Exceptional toughness and strength.
- Exceptional UV resistance.
- Conforms to contour of landscape easily.
- Excellent weed control.
- Good water and air permeability.



Physical Properties of "Restrictor"

Weight	4.8 oz. / sq. yd.
Material	Woven Needle Punched Polypropylene
Tensile Strength	110 / 100 lbs.
Elongation	31 / 59%
Trap / Tear	57 / 55 lbs.
Burst Strength	280 PSI
Puncture	65 lbs.
Water Flow	90 gal. / min. / ft²
U.V. Resistance	70% / 1200 hrs.
Roll Widths	3', 4', 6', 8', 12', 15'
Roll Lengths	250 l / ft. / roll
Rolls / Pack	3', 4', 6', 8' (10 Per Pack) 12' and 15' (5 Per Pack)

Dewitt Company Sunbelt Weed Barrier



Our most popular ground cover product, Dewitt Company Sunbelt Weed Barrier is 3.2 oz per sq yard in an 11x21 weave. The fabric is made of black, high U.V. resistant polypropylene which is woven to allow both air and water to pass through, reducing standing water and root rot. 12" marker lines help with container alignment. The fabric can be used under gravel, soil, sand, or pine straw to hinder weed growth and reduce erosion. This product has continued to be the first choice for professional landscape installation and the most effective in preventing weed growth over a long term.

Characteristics:

- Blocks weeds and helps prevent erosion.
- Long lasting, high U.V. resistant polypropylene.
- 12" marker lines for easy container alignment.
- Water and air permeable and mildew resistant.
- Use under gravel, soil, sand or pine straw.

Item Number	Roll Size	Sq. Ft. / Roll	Weight
DWSBLT3300	3' x 300'	900	23
DWSBLT4300	4' x 300'	1200	29
DWSBLT6300	6' x 300'	1800	44
DWSBLT10300	10' x 300'	3000	75
DWSBLT12300	12' x 300'	3600	87
DWSBLT15.5300	15.5' x 300'	4500	112

- Sunbelt ground cover weed barrier

- UV stabilized and permeable to air and water and a low cost, ecology safe alternative to herbicide use

- Allows air and water to penetrate for worry-free irrigation

- Provides a 90 to 95 percent average seed germination compared to 60 to 65 percent with straw or hay

- Measures 300-foot length

Ace of Diamond Bed Divider

Both Architects and contractors alike specify Ace of Diamond more than any other edging product throughout the world.

• Will not rust • There are no sharp edges • It will not lose its shape • There is minimum of frost heave • No accessory tools are needed to cut and install it • It makes free flowing bed designs, as well as square corners • Easily changed or added to • Will not deteriorate under extreme conditions. In addition to these qualities, which only polyethylene has, the divider performs all the standard functions for which edging is intended, providing a permanent and well defined border of beds, walks and lawns.

Item Number	Description	Specifications	Packaged	App. Shipping Wt.
VVADBD	Ace of Diamond Bed Divider Kit	20' Length with 8" Connector, 4 Stakes	Single Unit, 5 Per Bundle, Packaged Separately	7 1/2 Lbs. Per Kit
VVBDSK	Ace of Diamond Stake Kit 4 Stakes, 1 Connector	Stakes 9" L x 7/8" with 8" Connector	1 Kit per Package	1 Lb.
VVBDC90	Ace of Diamond Corner Connector (Optional)	5" x 5" x 90 Degree Angle	1 Unit per Package	3 Oz.
VVBDC60	Ace of Diamond Vee Connector (Optional)	5" x 5" x 60 Degree Angle	1 Unit per Package	3 Oz.
VVBDC	Ace of Diamond Tee Connector (Optional)	7" x 4" x 90 Degree Angle	1 Unit per Package	3 Oz.
VVBDC120	Ace of Diamond Wide Angle Connector (Optional)	3 1/2" x 3 1/2" x 120 Degree Angle	1 Unit per Package	3 Oz.

Steel Roll Top Edging

Steel Roll Top Edging comes in 4" x 10' strips. This edging has the top edge rolled at the factory to provide protection from the sharp edges. Steel Roll Top Edging is being speced on many jobs. Our edging is available in 3 gauges including 18ga, 16ga and 14ga.

Code	Description
WLRTE	18 Gauge
WLRTE16	16 Gauge
WLRTE14	14 Gauge
WLRTEP	16 Gauge Perforated

Dewitt Deer Fencing

Dewitt Deer Fencing is an inexpensive polypropylene netting material that effectively stops deer from entering garden areas. 3/4" Mesh. Available in two sizes.

DWDF7100 - 7' x 100' Deer Fencing

DWDF7350 - 7' x 350' Deer Fencing

Erosion Control Mat

48" x 225' Biodegradable jute 1" square.

Item Number: WLJ4X225

Ground Staples

A 5 1/2" inch U shaped nail to stabilize fabric to the ground.

6" Fabric Staples - 100 per box

Item Number: WLFP

Edging Staples

An 11 inch edging staple used to secure metal edging in place.

500 per box

Item Number: LAES

Individual Anchors

Model 40-DB1 Item Number FII40-DB1

300# rated capacity. Cabled with 20" of 1/16" galvanized steel cable. Anchor weight 1 oz. Standard pak-50/box.

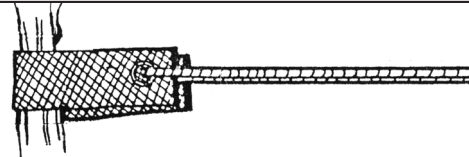
Model 68-DB1 Item Number FII68-DB1

1,000# rated capacity. Cabled with 2 1/2' of 1/8" galvanized steel cable. Anchor weight 4.5 oz. Standard pak-24/box.

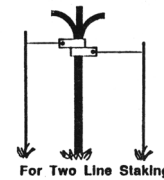
Model 88-DB1 Item Number FII88-DB1

3,000# rated capacity. Cabled with 3 1/2' of 1/4" galvanized steel cable. Anchor weight 14 oz. Standard pak-12/box.

Jeffco Bulk Tree Brace Straps



For 3 Line Staking



For Two Line Staking

Straps are made of soft polymer webbing 1 1/2" wide which goes around the tree and has brass grommets at each end to receive the support wire, thereby preventing the wire from circling the tree where pressure points could cause damage.

Item Number	Width	Length
JE1508	1 1/2"	8"
JE1512	1 1/2"	12"
JE1516	1 1/2"	16"

Burlap

7.5 ounce underthread burlap for wrapping tree balls.

Item Number	Size
WLB3X300	3' x 300'
WLB4X300	4' x 300'
WLB5X300	5' x 300'
WLB6X300	6' x 300'

Duckbill Total System

Standard Drive Rods

For Model 40: DR-2 - 3/8" round 2' long steel hand drive rod with 1/4" tip and large striking head. **Item Number: FIIDR2**

For Model 68: DR-1 - 1/2" round 3' long steel hand drive rod with large striking head **Item Number: FIIDR1**

DR1 HD (Heavy Duty): 3/4" round 3" long steel hand drive rod with large striking head. Tip is turned down to 1/2". **Power rod available on request**

For Model 88: DR-3 - 3/4" round 4' long steel hand drive rod with large striking head. **Item Number: FIIDR3.**



HORT Industries Ltd. offers high quality professional horticultural products to Greenhouse, Nursery, Distributor and Consumer Retailers throughout North America. HORT products are designed, assembled, packaged, and distributed at a low cost right here in the USA. HORT Industries Ltd. produces high quality USA made products that are competitively priced. Domestically sourced materials help secure American jobs while permitting much greater control over costs and production times.

Hort Straps

Tree Straps Made in America

- Higher Quality
- Better Value
- Stronger
- Stainless Steel Eyelets

Available in Sizes:



Landscape

Hort Wraps

Tree Wrap Made in America

Protects Against:

- Sun Scald
- Windburn
- Severe Frost

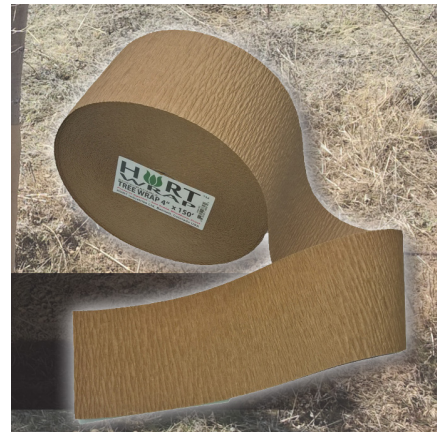
Benefits:

- More Stretch
- Better Value
- Stronger
- Biodegradable Paper

Available in Sizes:

3" x 105' Roll

4" x 105' Roll



Hort Ties

Soft and Safe for Staking and Guying Trees - Made in America

- Replaces Traditional Wire and Hose
- Ideal for use with Hort Strap Tree Straps

Available In:

250' Spool

500' Spool

