



WOVEN GEOTEXTILES

FABRICS WOVEN FOR STRENGTH AND MADE TO PRECISION

Geotextiles are produced from Virgin polypropylene resin and then woven on wide Sulzer looms. Widths available are up to 17 ft. and 200 GSM weights.

APPLICATIONS

- Golf Course and Maintenance •Embankments and Slopes •Landfills
- Highway Construction •Landscape Improvement •Sod Stabilization
- Mining Reclamation •Nurseries •Farm and Agriculture



Geotextiles and Slit Film Fabrics

Geotextiles and slit films are woven polypropylene yarns to produce a high strength, low elongation base for use in roads, gabions, retaining walls and paths. Fabric enhances water movement, retards soil and adds reinforcement and separation between the earth and gravel.

TESTING	METHOD	2 OZ/SQYD	3 OZ/SQYD	3.2 OZ/SQYD	4.2 OZ/SQYD	6 OZ/SQYD
TENSILE STRENGTH	ASTM D-4632	80 LBS	100 LBS	140/100	200 LBS	315 LBS
ELONGATION AT BREAK	ASTM D-4632	15-25%	15-25%	15-25%	15-25%	15-25%
MULLEN BURST	ASTM D-3786	170 PSI	225 PSI	280 PSI	400 PSI	600 PSI
PUNCTURE STRENGTH	ASTM D-4833	40 LBS	55 LBS	60 LBS	55 LBS	145 LBS
TRAPEZOIDAL TEAR	ASTM D-4533	35 LBS	40 LBS	50 LBS	40 LBS	115 LBS
PERMITTIVITY	ASTM D-4491	0.06 SEC	0.02 SEC	0.05 SEC	0.07 SEC	0.05 SEC
UV RESISTANCE, % RETAINED	ASTM D-4355	50%	70%	70%	70%	90%
APPARENT OPENING	ASTM D-4751	NA	50 US SIEVE	50 US SIEVE	40 US SIEVE	40 US SIEVE
WIDTHS AVAILABLE	WIDEST AVAILABLE	6'	17'	17'	17'	17'
COUNT	PBI	10x10	10X12	16X12	24X16	
ACTUAL WEIGHT - GSM	PBI	70 GSM	100 GSM	108 SULZER	140 GSM	200 GSM



WOVEN GROUND COVER LIGHT BARRIERS AND POROUS TO WATER

We offer the following categories of groundcover and silt fences:

- Economy

Economy fabric is 70 GSM weight. This is generally used in up to 3½ feet widths and for silt fence applications.

- Commercial

Commercial ground cover is available in 100 GSM fabric. It is available in up to 12 feet widths and used commercially all over the USA and Europe. This is the most common product used in nurseries.

- Premium

Premium Ground Cover is a 130 GSM option. It is also available in up to 12 feet widths. This is ideal for greenhouses, outdoor displays, and as a weed barrier for plantings.

The following options are available for Ground Cover:

- Colors - White, Green, Brown, & Black
- Markings - Plain, Lines, & Grid
- Widths - 3½ ft. to 17 ft.
- Lengths - 3 ft. to 3000 ft.



Composite Geotextiles & Capillary Mat

Composite geotextiles offer strength, durability, water penetration for mulching and planting applications. Capillary mats offer a even, self watering system to delicate seedlings and plants as not to cause undo stress. The specially engineered fabric wicks the right amount of water moisture from the submerged end of the fabric to the plants as needed.

TESTING	METHOD	REINFORCED		CAPILLARY
		4.2 OZ/SQYD	5 OZ/SQYD	7.4 OZ/SQYD
TENSILE STRENGTH (Lbs Warp / Weft)	ASTM D-4632	113/60	119/87	TBD
ELONGATION AT BREAK	ASTM D-4632	11-12%	12/14%	TBD
MULLEN BURST	ASTM D-3786	229	265	TBD
PUNCTURE STRENGTH	ASTM D-4833	66.39	67	TBD
TRAPEZOIDAL TEAR	ASTM D-4533	24/37	28/36	TBD
PERMITTIVITY	ASTM D-4491	15.7	12.3	TBD
UV RESISTANCE, % RETAINED	ASTM D-4355	NA	NA	TBD
APPARENT OPENING	ASTM D-4751	0.15	0.13	TBD
WIDTHS AVAILABLE	MANUF. STATED	12'	12'	TBD
ACTUAL WEIGHT - OZ SQ YD	PBI	140 GSM	170 GSM	250 GSM

APPLICATIONS

- Golf Course & Maintenance
- Embankments & Slopes
- Gardens & Parks
- Orchards & Vineyards
- Landscape Designing
- Plantation Layout
- Farm & Agriculture
- Weed Prevention

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TECHNOLOGIES, INC.

We specialize in various packaging method to meet our customers' requirements.

RETAIL ROLL SIZES (Packed in Bales or Cartons)

Packed in Size A4 with 4 color paper insert and poly shrink wrap

- 5m Packs
- 10m Packs
- 15m Packs
- 20m Packs



RETAIL POLY BAG PACKING (Packed in Bales or Cartons)

Packed in Size A4 with 4 color paper insert and poly shrink wrap

- 50m Packs
- 10m Packs
- 15m Packs
- 20m Packs

ROLL PACKING

Packed in Size A4 with 4 color paper insert and clear PE

- 50m
- 50m (with folded width)
- 100m
- 500m
- 1000m



BALE PACKING

Bags or Retail packs and Retail Roll repacked in bales

- 12 Rolls or Packs per Bale
- 24 Rolls or Packs per Bale
- 36 Rolls or Packs per Bale
- 48 Rolls or Packs per Bale



CARTON PACKING

Bags or Retail packs and Retail Roll repacked in cartons

- 12 Rolls or Packs per Carton
- 24 Rolls or Packs per Carton
- 36 Rolls or Packs per Carton
- 48 Rolls or Packs per Carton



PALLETIZED PACKING

- Bags, Retail Rolls, and Retail Poly Bags
- Rolls repacked in cartons
- Bags on pallets
- Rolls on pallets
- Bales on Pallets

CONTAINER LOADING

- Rolls in Container
- Bales in Container
- Cartons in Container
- Pallets in Container



NON WOVEN GEOTEXTILES

AGRICULTURE

Non Woven white agricultural fabric ranges from 17 GSM to 30 GSM. It is ideally used for frost prevention and crop protection from white flies. It is available in widths up to 10 feet and a maximum of 3200 rolls. This product is also available in Poly Packs with color inserts.



17 grams per Sq Meter

HORTICULTURE

Non Woven black agricultural fabric ranges from 33 GSM to 100 GSM. It is ideally used for weed mat, paving, and landscaping. It is available in widths up to 10 feet and a maximum of 3200 rolls. This product is also available in retail Poly Packs and rolls with color inserts and display cartons.



30 grams per Sq Meter

FURNITURE

Non Woven black agricultural fabric ranges from 40 GSM to 100 GSM. It is ideally used for bed and sofa backing. It is available in widths up to 10 feet and a maximum of 3200 rolls. This product is also available in retail Poly Packs and rolls with color inserts and display cartons.



40 grams per Sq Meter

FIBER WEED MAT

Fiber weed mat is the latest addition to our product line. Fiber mat is the most advanced fabric material in gardening, landscaping, and plantations. Fiber Weed Mat has the ability to hold a considerable amount of water and nutrients under the fabric surface, which helps maintain a rich balance in the top soil. Weights are available from 145 GSM to 200 GSM. Widths up to 13 Feet and lengths up to 330 feet are also available. This product is also available in retail rolls with color inserts and display cartons.



50 grams per Sq Meter



150 grams per Sq Meter

GEOTEXTILE NETS

AGRICULTURE & HORTICULTURE

Knitted Shade Net PE is designed for use in agriculture and horticulture to control growing conditions, manipulate growth patterns, and to protect crops from excess sun, wind and hail by regulating the quality and quantity of light required. This greatly improves crop yields and permits earlier harvesting. Shading has also been useful for the early production of vegetable seedlings from August to September and for extending the season of some vegetables in the open field.

WINDBREAKER

Knitted Windbreak PE protects crops from damage caused by strong and severe wind which improves plant health, quality and yield. Crop protection from the wind enables the plants to retain significantly more moisture. Wind breaks benefit field crops, vegetables, flowering plants and fruit trees. They also protect crops near salt water from the salt present in the ocean air.

FARM AND HOME

Knitted Shade PE Cloth protects people, cattle, and livestock from high UV exposure during the day. It also creates shade areas for relaxation during hot summer days.

CAR PARKING

Knitted Shade PE protects against fading caused by the sun and provides protection against blowing dust. It is also more economical than most other types of covering.

SCAFFOLDING NET

Knitted Nets PE enhance the safety of construction sites. Scaffolding wrap installs easily on most scaffolding structures and acts as a soft barrier on a building under construction. It contains debris falling out of the building and acts as a windbreak keeping the building warmer during winter construction months. The fabric also hides unsightly work areas giving work sites a tidier appearance.

PRIVACY FENCING

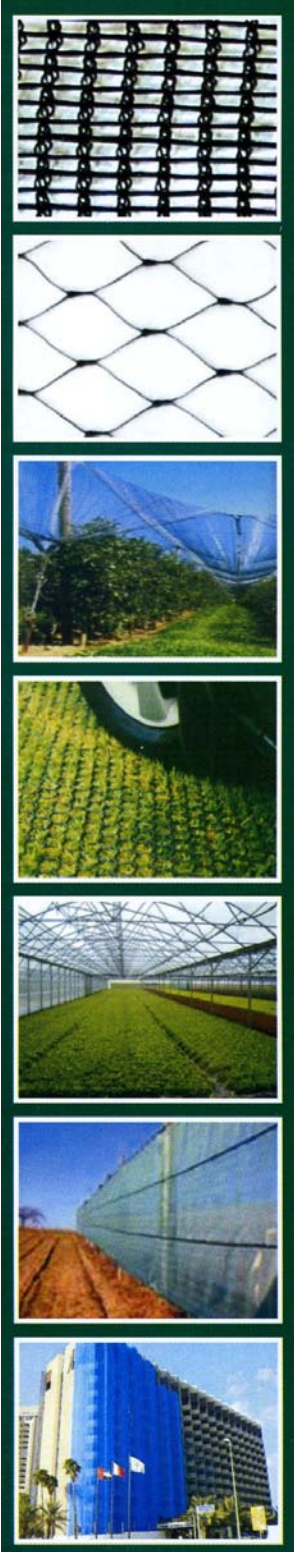
Knitted Shade PE Fabric attaches easily to any fence and blocks unwanted vision, protects valuable items, enhances appearances, and covers up unsightly areas. It also hides dangerous equipment or expensive tools.

BIRDNET

Extruded PE nets are useful at orchards, farms, and vineyards to exclude birds and stop the expensive losses they can inflict on crops. The spaces in the nets are large enough to allow bees passage and keep shade to a minimum.

TURF REINFORCEMENT NETS

Circular extruded Turf Nets are expanded in a flat format to form a large webbing. This helps in transferring weight distribution of vehicles and other loads (like garden sheds) to a larger surface area which reduces the chances of the softer ground sinking.



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PP & PE WOVEN BAGS

- We provide uncoated as well as coated PP/PE woven bags which can be printed in up to 6 color flexo printing.
- Bags can be gusseted at both sides and printing in gusset is possible.
- Stitching options available are bottom stitched, top hemmed, top open, and valve.
- Packing in bales as well as pallets can be provided for wrinkle free bags.
- Each and every bag is inspected to ensure 100% fault free bags.

FIBCs

- Regular circular bags up to 3000 lbs. /5:1
- U panel bags up to 4000 lbs. /5:1
- Ventilated bags up to 2500 lbs. /5:1
- Drum bags

TYPES OF FLEXIBLE INTERMEDIATE BULK CONTAINERS

Spouted Top and Bottom



Duffel Top With Spouted Bottom

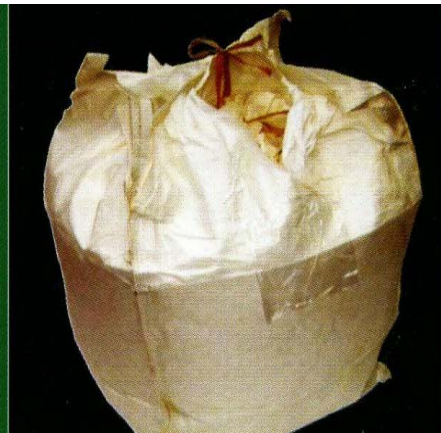


(Top Closed)

Duffel Top With Spouted Bottom



(Top Open)




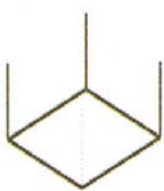
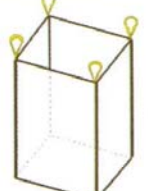
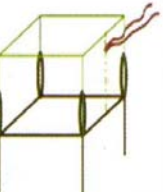
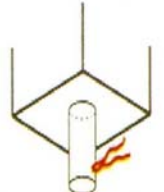
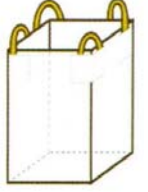
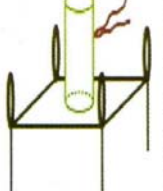
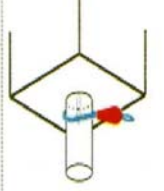


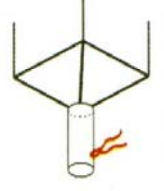
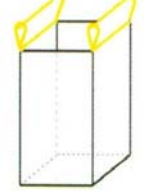

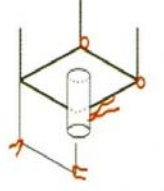

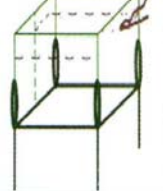
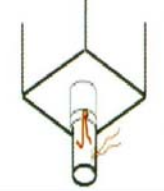
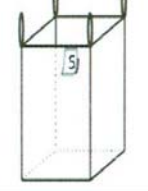


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FIBC TOP

FIBC BOTTOM

FIBC BODY & LOOPS

<p>OPEN TOP</p> 	<p>FLAT BOTTOM</p> 	<p>CORNER LOOPS LOOPS ARE SEWN INTO/WITH VERTICAL SEAMS</p> 
<p>FILLING SKIRT</p> 	<p>DISCHARGE SPOUT</p> 	<p>CROSS CORNER LOOPS LOOPS ARE SEWN ONTO THE BODY FABRIC ACROSS THE CORNER</p> 
<p>FILLING SPOUT</p> 	<p>B LOCK DISCHARGE</p> 	<p>BOTTLENECK LOOPS ARE SEWN INTO FABRIC POUCH OF VERTICAL SEAMS AND THEN ZIG-ZAG FIXED</p> 
<p>CAUPCHON SKIRT</p> 	<p>CONICAL BASE</p> 	<p>TUNNEL LIFT LOOPS ARE SEWN AS A REINFORCEMENT OF THE TUNNELS</p> 
<p>CONICAL TOP</p> 	<p>PROTECTION FLAP</p> 	<p>PRINTING 4 SIDES / 2 COLOR</p> 
<p>DRAW STRING SKIRT</p> 	<p>DISCHARGE CLOSURE</p> 	<p>LABEL CAPACITY, SAFETY FACTOR, TEST CERTIFICATE-NUMBER, HANDLING, RECYCLING, MANUFACTURER / SUPPLIER OF EVERY FIBC</p> 
<p>FILLING SLOT</p> 	<p>DISCHARGE STAR PETAL</p> 	<p>DOCUMENT POCKETS DESIGNED TO HOLD ADDITIONAL INFORMATION</p> 