

[www.greenproventures.com](http://www.greenproventures.com)



Climate Control Solutions  
for **Safe Crop Production**



**GREENHOUSE FILM**  
Cladding Material



# GREENHOUSE FILM

## Cladding Material

GreenPro films are manufactured on our state-of-the-art 7-Layer blown film plant from Bandera, Italy. We have the right tools to create specialized films for agriculture. With our 32 component dosing system, we can ensure uniform and consistent mixing of polymer and additives throughout each of the 7 layers, which help to yield superior mechanical properties, optical properties and UV stability.

GreenPro films have the added benefits such as:

- Reduction of viral and fungal attacks
- Reduction of water usage
- Protection from biotic and abiotic stress
- Reduction of pest attacks



### Features

- High light transmission and optimum diffusion
- Films with excellent UV, IR and Thermal stability
- Anti-dust helps to keep the film clean
- Anti-drip / fog reduces water droplets for protection from diseases
- UV blocking gives anti-petal blackening and anti-virus effect
- IR reflection helps in temperature reduction
- IR thermic helps to trap heat inside greenhouse
- Anti-Sulphur / Chlorine properties provide protection against pesticides
- Improved Mechanical strength: impact strength, tear resistance, flex crack & ESCR increase the life of the film



GREENHOUSE FILM					
Parameter	GreenPro Clear	GreenPro Diffused	GreenPro Rosa	GreenPro Cool	GreenPro Chroma
Diffusion	25-30%	65-70%	75-80%	80-85%	70-75%
Min. Light Transmission (PAR)	90%	87%	87%	87%	87%
UV Stability	Yes	Yes	Yes	Yes	Yes
UV Block	Partial	Partial	Block	Partial	Open
Anti Dust	Yes	Yes	Yes	Yes	Yes
Anti Drip / Fog	Yes	Yes	Yes	Yes	Yes
Pesticides Resistance	Yes	Yes	Yes	Yes	Yes

Thickness: 50 - 250 Micron  
 Width: Up to 12 Meter  
 Appearance: Clear / White Translucent / Yellow / Green  
 Customized products are also available.

**Distributor :**

**Get In Touch :**

GreenPro Ventures Pvt. Ltd.  
 (A Unit of Rishi FIBC Solutions Pvt. Ltd.)  
 Factory : Survey Nos: 421/1,422 & 423/2,  
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 Gundulpet Taluk, Chamrajnagar Dist.  
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Climate Control Solutions  
for **Better Crop Production**



**PHOTOSELECTIVE FILM**  
Greenhouse Covering Films



# PHOTOSELECTIVE FILM

## Cladding Material

The horticulture industry prefers uniform compact plants because it increases consumer acceptance, makes it easier to pack and ship mature plants, and speeds plant establishment in the field. Traditionally, chemicals have been used to produce compact plants, but because of increasing environmental concerns, researchers are investigating alternative methods to produce compact plants.

The photoselective films are cladding materials with incorporated pigments in order to modify the solar radiation spectrum which enters the greenhouse. Photosynthesis, photomorphogenesis and the growth of the plants can be controlled by the use of this film.



## PHOTOSELECTIVE BLUE

The specific photo selective filter is effective in equilibrating the plant growth, developing more compact plants, more resistance to transplant stress (nursery crops) favouring the fruits ripening process instead of the vegetative production.

### Advantages

- Unrivalled light transparency, particularly in the PAR (Photosynthetic Active Radiation, which is effective for the photosynthesis, i.e. 400-700 nm) necessary for the plant's growth.
- Reduction of the solar heat transmitted, reducing the shading operations.
- Better internode length – more fruits
- Uniform plant growth
- Color and flavor intensity of fruits.
- Excellent mechanical properties

## PHOTOSELECTIVE RED

Red radiation is known to enhance seed germination, reduce stem elongation of seedlings, and promote lateral shoot growth of many plant species. The effects of FR radiation are mostly the opposite of IR radiation. Environments high in IR radiation relative to FR radiation (high IR:FR ratio) are favorable for production of short and compact plants. The magnitude of the response depends on the species and cultivar.

Thickness: 50 - 250 Micron

Width: Up to 12 Meter

Appearance: Blue / Red / Green

Customized products are also available.



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Distributor :



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Light Control Solutions  
for **Better Growth**



**SPECIALITY FILM**  
Cladding & Shading Material



# SPECIALITY FILM

## Cladding & Shading Material

### GreenPro Eclipse (Blackout Film)

When the natural day length is long, there is only one way to create a short photoperiod in the greenhouse and that is by using an opaque material that does not allow light to penetrate, which is commonly referred to as "black out films." Many growers are using blackout films to provide short days to induce flowering of poinsettias, chrysanthemums and other short-day plants. In addition, short days may be desirable when one wants to delay or prevent flowering of long-day plants.

#### Features

- Reduce heat build-up when covered
- 100% light blocking
- UV-stabilized to ensure durability
- Best suitable for poinsettias, chrysanthemums cultivation

We can also supply reinforced film with eyelets.



### Panda – Black & White Film (Roofing)

To improve the lighting efficiency of indoor farming we have specially developed UV stabilised 7 layered black & white films. The white surface reflects the light back and the black surface prevents any light from penetrating through.

The black-white film is widely used in edible mushroom sheds, silkworm sheds, ripening chambers, shading of flowers, light breaking (to adjust flowering period), aquaculture shed, aquifers of aquaculture cultivation, hydroponics, heat preservation and antifreeze in the outer layer of greenhouse, vegetable greenhouse, storage of green fodder, raising chicken house, pig raising house and so on.

#### Features

- UV-stabilized to ensure durability
- White layer ensures maximum light reflectivity
- 100% film opacity ratings provide maximum control
- Reflects heat and cools better than shade cloth
- Designed specifically to withstand the wear and tear
- Helps prevent molds and algae growth



### GreenProf Anthura (white Film)

White greenhouse film is used to diffuse light, where the grower requires spread out sunlight and reduced direct sun exposure. GreenPro Anthura helps to keep a consistent temperature by reducing hot spots and cold spots and it is very useful in nursery greenhouses. This film has shade factor of 15 to 70%.

Thickness: 50 to 250 micron with upto 12 meter



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**Root Environment Solutions for  
Better Crop Production**



**MULCH FILM**  
Weed Control Film



# MULCH FILM

## Weed Control Film

Mulch is any material that is spread or laid over the surface of the soil as a covering. In agriculture, rapid growth of weed, insects and pests is a major problem. The modern way to deal with them is mulch films that saves cost of expensive chemicals and soil from getting harmed. They also help bettering the yield of crops. GreenPro Mulch Films are advanced multi-layer films manufactured to meet a wide range of specifications.



### Advantages

- Clean, quality vegetables & fruit production
- Controls weeds, reduces labour
- Reduce water evaporation loss
- Maintains proper soil moisture
- Reduce pest attack
- Optimum use of water & fertilizer
- Develop ideal micro climate
- Soil become less compact – more aeration
- Saves energy



MULCH FILM	
Thickness	20-250 micron
Colour	Silver Black, B&W, Black
Width	2.5-5 feet (Upto 5 m)
Length	400-1000 m
Packing	Roll in PP Bags

Customized products available on request

#### White on black

Black colour facing the soil blocks visible light transmission and prevents weed germination under the film. White facing up reflect major qty of PAR light and small quantity of UV radiation give more photosynthesis and cools the soil. This type of mulch is suitable for high temperature areas.

#### Silver on black

Silver colour facing up reflecting around 30 % UV and visible light , gives better red colour for fruits and reduces aphids and thrips attack

#### Yellow –Black / brown

Black/ brown colour blocks light transmission, prevents weed germination under the film. The yellow colour facing upwards attracts pest and diverts the attention of pests from the crop.

#### Black – Black

Black plastic absorbs heat on sunny days, raising the temperature of the soil while maintaining an even moisture level. Black film also prevents weeds from sprouting by preventing the sunlight from reaching the seeds. Ideal for growing fruit crops like strawberries, pineapple and tender fruits

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**Water Conservation Solutions**



**GREENPRO HYDRO-MAT**  
PE Liner



# GREENPRO HYDRO-MAT

## PE Liner

GreenPro Hydro-Mat is designed with our 30 years of experience in extrusion field, as a farmer friendly product giving enhanced life to the product, thus increasing the profitability of the farmers.

With the in-house state-of-the-art Asia's first wide-width 7 Layer Blown Film Extrusion plant from Bandera, Italy we are capable of making high quality, UV Stabilised, virtually impermeable Geomembranes, which will block water seepage effectively.

### Advantages

- Excellent flexibility enables easy handling
- Wide width results in minimum on-field sealings
- Highly cost efficient
- High conformability over uneven surfaces
- Excellent welding characteristics & very high seam strength
- Superior UV protection – enhanced life
- Excellent ESCR (Environmental Stress & Cracking Resistance)
- Excellent resistance to moisture vapour transmission rate (MVTR)
- Very high puncture resistance and excellent hydro static resistance
- High chemical resistance
- Virgin grade and Environment friendly (100% recyclable)
- Non-toxic, no PVC or other hazardous materials used in the entire construction

With the above properties that surpass industry standards, our customers will be able to get a far superior product for water retention in various applications as follows:

### Applications

- Canals, Dams & Reservoirs
- Agricultural/horticultural pond lining
- Contaminated area cap
- Evaporation ponds
- Land fills
- Rig pads
- Secondary containment
- Sewage/ Effluent treatment
- Vapor retarders
- Road works/ Runways
- Ponds for golf course
- Shed covering
- Foundation/ concrete structure lining
- Aqua culture
- Salt/ brine ponds



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CI-07

#### PE Liner

Material	HDPE/LDPE		
	300	500	750
Thickness (Micron)	300	500	750
Max Width (Meter)	8	7	6
Warranty	3	5	7

Customised specifications may also be provided





**Light Control Solutions for  
Better Crop Production**



**SHADE NET**  
Light Control Net



# SHADE NET

## Light Control Net

GreenPro Shade Nets can play a significant role in agriculture when applied correctly. Shade Cloth is essential for greenhouse operation, protecting crops from harsh sunlight. We offer a selection of shade cloth with Mono X Mono, Tape X Tape, Combination of Mono X Tape in many colors and varying degrees of shades. Superior Shade fabric blocks up to 99% of harmful UV rays, depending upon the colour chosen for your shade structure.

We can offer 2 types of shade nets:

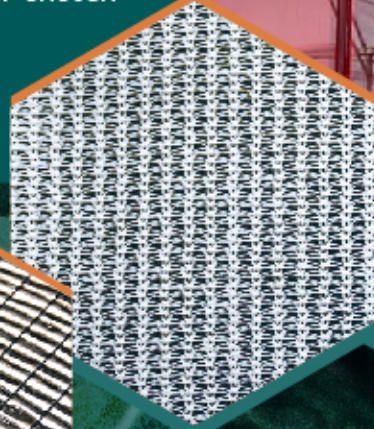
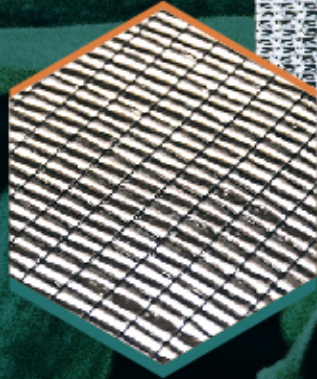
- Raschel (Knitted)
- Leno (Woven)

### Applications

- Fruit Trees
- Cattle Sheds
- Poultry
- Shade Sails
- Playgrounds
- Swimming Pools Shade
- Garden Balconies
- Greenhouses – vegetables, ornamentals
- Permanent and mobile shade structures

### Advantages

- Better ventilation and water permeable.
- Reduces wind speed and heat build-up in structure
- Lightweight and easy to install
- UV protection. UV resistant,
- Chemical resistant. Resists most horticultural chemicals, sprays and detergents.
- Reduce soil moisture loss. Less evaporation



#### SHADE NET

Material	Monofilament & Tape
Shade	25-90%
Colour	White, Black, Green & Coloured
Width	Single Panel Knitted : 6.2 m; Woven : 5.2 m
Length	Customized
Life	5 Years (700 KLY)
Packing	Roll In PP Bags

Customized products available on request

#### BLACK

The shade cloth with the greatest choice of shade values & widths. Ideal for every application. Naturally resists the sun's harmful UV radiation with long life.

#### WHITE

White shade cloth reduces heat build-up by reflecting the sun's powerful radiation.

White's reflectivity has improved diffusion underneath. Aesthetically pleasing, common in greenhouse applications.

#### GREEN

Common in nurseries and other decorative/agricultural applications.

Commonly found as wind-screens, privacy screens, and tennis courts

#### COLOUR GUIDE

Distributor :

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**Heat Control Solutions for  
Better Crop Protection**



**THERMAL SCREEN**  
Energy Saving Net



# THERMAL SCREEN

## Energy Saving Net

In extremely hot areas, the heat stress on the plants cannot be avoided by using just plain shade nets, for which we have developed a new method of coating the tapes with aluminum to reflect maximum sunlight and decrease the heat inside the greenhouse up to 4°C and processed to ensure high mechanical and optical properties. Our method of adhesion of the aluminum will not allow the coating to peel off over years of outdoor exposure. UV stabilised screens can be made in 40% shade, 50% shade and 70 % shade and widths upto 6.2 meter in a single width.



### Applications

- Greenhouse heat reduction
- Shadehouse
- Helps create a microclimate
- Pergola

### Advantages

- Reduced heat, less stress on plants
- Warmer night time temperatures
- Cooler day time temperatures
- Diffused light
- UV stabilised

THERMAL SCREEN	
Material	PE Film
Shade	40-90%
Colour	Metallic
Width	Upto 6.2 m (single piece)
Length	Customized
Life	3 Years +
Packing	Roll in PP Bags

Customized products available on request

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Distributor :





**Insect Proof Solutions**  
for **Safe Crop Production**



**ANTI-INSECT NET**  
Pest Control Mesh



# ANTI-INSECT NET

## Pest Control Mesh

GreenPro anti insect nets are made by understanding the pest life cycle and its physical properties as each pest has a different body structure and flying habit. Our team has developed these nets considering the parameters such as diameter of the yarn & spacing between the yarn to prevent insects of different sizes from entering and provides optimum ventilation.

GreenPro Anti-insect nets are made of 100% virgin HDPE, UV stabilized monofilament yarns, that are durable against sunlight and resistant to harsh chemicals. Our nets have been carefully designed with strong edges, sufficient weight and good flexibility for easy installation.

# OPTI PRO

## Pest Repellent Mesh

OptiPro is a new-generation anti-insect net that integrates physical and optical protection. This innovative net dramatically reduces the number of pests and insects entering the crop environment, especially thrips and also whitefly and leafminer. The net contains optical additives that blind and repel the insects before they reach the net.

### Advantages

- Helps keep out a wide range of pests and insects
- Reduces the need for application of harmful chemical pesticides
- Reduces down time due to insect re-entry problems
- Designed to give improved ventilation
- Resists abrasion, cleans easily
- Economical range
- Helps maintain better environment for the plants.

### Features

- BIS Certified
- Reusable
- Washable
- Durable
- Different nets for different target pests
- Permeable for better ventilation
- Well stabilised for UV Radiation and can be used more than 3 to 5 years
- Available in wide widths of upto 5.2 m in single widths and upto 10.50m with single stitch.

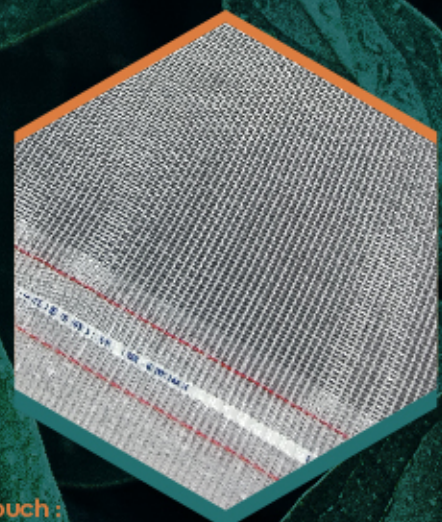
Distributor :



#### ANTI-INSECT NET

Material	HDPE Monofilament
Mesh	15, 25, 30, 40, 50, Custom
Colour	Natural / Milky White Coloured
Width	5.2 m (single piece)
Length	Customized
Life	5 Years
Packing	Roll in PP Bags

Customized products available on request



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**Hail Proof Solutions**  
for **Better Crop Protection**



**ANTI-HAIL NET**  
Hail Control Mesh



# ANTI-HAIL NET

## Hail Control Mesh

GreenPro Anti-Hail Net protects crops throughout the year to avoid damage caused by hail, birds and other attacks. It is suitable for crops such as fruits and vegetables, saplings, and flowers. And it can be installed directly on crops, canopies or greenhouse fences and other inclined or vertical structures. Anti-hail nets are lightweight, flexible, and easy to install and uninstall.

We can offer 2 types of hail nets:

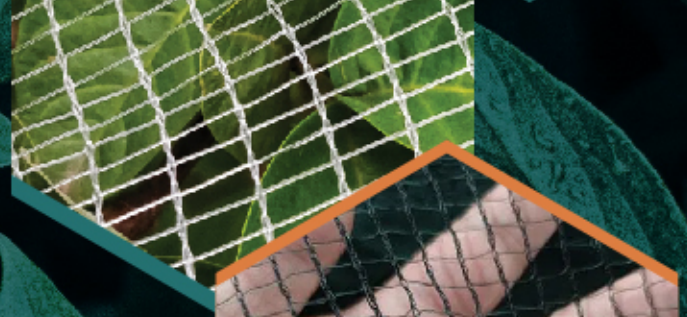
- Ladder Proof - Raschel (Knitted)
- English Row - Leno (Woven)

### Advantages

- Helps to protect the crop against Hail Storm
- Lightweight design, for crops to be able to take the weight of the net
- Can be provided in Multi Colours for better plant photosynthesis
- Protect the crops against large pests and birds
- UV stabilized for longer durability
- Contribute to the quantitative improvement of the covered crop

### Features

- Made from 100% Virgin Polymers.
- Flexible, Light, Strong and easy to spread
- Can be placed on simple support structures
- Recyclable
- Good Tensile strength to withstand wind loads
- Allow light and air to the plants
- Provides Shade



ANTI-HAIL NET	
Material	HDPE Monofilament
Mesh	10x10, 12x10, 9x8
GSM	50-70, Customized
Colour	Natural White, Black & Coloured
Width	Single Panel Knitted : 6.2 m; Woven : 5.2 m
Length	Customized
Life	5 Years
Packing	Roll In PP Bags

Customized products available on request

Distributor :

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Climate Control Solutions  
for **Better Crop Production**



**SHELTER FABRIC**  
Greenhouse Covering Fabric



# SHELTER FABRIC

## Greenhouse Covering Fabric

Shelter Fabric is a textile formed by weaving strips of plastic together on a loom by interlacing two or more threads at right angles known as warp and weft. Woven fabrics stretch diagonally on the bias directions creating a stronger fabric. Woven Greenhouse Covers are strong, durable, and resistant to heat, extreme weather, and tearing and offers longer UV life than normal blown plastic films. This material is coated with a poly resin offered in many different colors and thicknesses.

Available in different thickness / GSM  
 Diffusion – clear / diffused  
 Finishing – Matt / Glossy Finished  
 UV open / UV blocking



# SKIRTING FABRIC

## Greenhouse Bottom/Side Cover

GreenPro Skirting Fabric (Apron Fabric) is made by using High-density polyethylene woven fabric layer with Low density polyethylene film coated on both sides and is mainly used for greenhouse side wall covering.

- Custom Sizes are Available
- Superior tensile strength
- Waterproof, chemical resistant
- Outstanding puncture and tear resistance
- UV treated
- Lightweight, low cost option
- Can be stitched with insect net
- Helps to trap more carbon dioxide

SKIRTING FABRIC	
Fabric	Laminated HDPE Woven Fabric
Coating	Both Side
GSM	140/160/Customized
Width	Upto 3m (without sealing) custom width with sealing
Length	Customized
Life	3-4 Years

Customized products available on request

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**Weed Control Solutions**  
for **Better Crop Production**



**GROUND COVER**  
Weed Control Fabric



# GROUND COVER

## Weed Control Fabric

Ground cover, also known as weed control mat, is a permeable weed blocking fabric specifically developed for agricultural, landscape and organic industries.

The weaving composition also makes sure water drains and directly infiltrates the soil without damaging the fabric and provide the best results for controlling weeds and soil stability.

Ground Cover is an ideal choice for controlling the growth of weeds in nurseries, greenhouses, landscape applications and other applications while reducing the use of weedicides.

Ground cover is made of 100% PP tape with UV-stabilizers to ensure longer life span. Ground Covers are lightweight, easy to install, easy to fold and spread, adheres to the ground, resistant to tearing, piercing and weed penetration, making it a more cost effective solution.

We produce ground covers in different colors for different applications. Major types of ground covers produced are:

- Black with stripes/Grids
- White with stripes/Grids
- Black and White



### Applications

- Absorbs sunlight, reducing photosynthesis and growth of weeds.
- Outstanding UV resistance – 5 year UV guarantee
- Reduce significantly the evaporation (reducing water consumption).
- Allow the passage of air and water, improving soil conditions.
- Considerable labor saving by avoiding weeding.
- Prevent waterlogging and root putrefaction and fungus growth.
- Eliminates the need of herbicides.
- Gridlines improve the presentation and precise positioning of pots and plants.
- Puncture and tear resistant – can handle machine and pedestrian traffic
- 100% virgin pp material, safe and environmental friendly, no odor.
- High Strength, keeping fine tensile and elongation under both dry and wet condition.

### Features

- UV stabilized, which ensures long durability.
- Different standard fabric weights
- Resistant to mold and bacteria attacks.
- Available in different colours.
- Easy to install and clean

GROUND COVER	
Material	Poly Propylene
GSM	90/100/130
Colour	White, Black, Green, Grey Black & White
Width	Upto 5.25m (single piece)
Length	Customized
Life	4 Years
Packing	Roll In PP Bags

Customized products available on request

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Distributor :





**Fruit Protection Solutions**  
for **Better Harvest**



**ORCHARD COVER**  
Fruit Protection Fabric



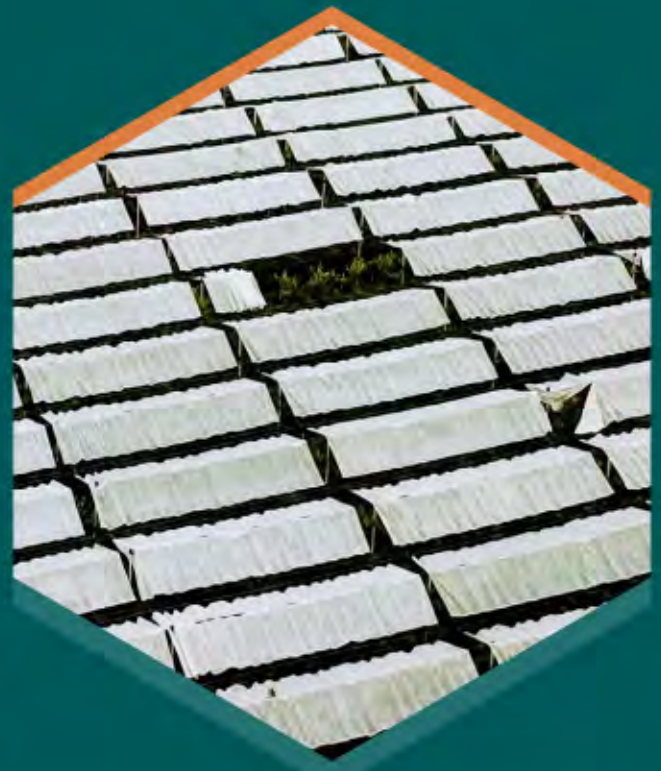
# ORCHARD COVER

## Fruit Protection Fabric

With the aim of extending the fruit season & protection from unexpected hail storm and rain, we have developed superior quality crops covers. Woven HDPE fabric is laminated to ensure water impermeability. It distinguishes itself from other products due to improved mechanical strength and high resistance to tear. Further advantages include light diffusion and the reduction of thermal excursions, allowing for more balanced temperatures. These characteristics permit a regular growth of the fruits with improved colouring and ripening.

GreenPro Fabric has reinforced areas on the side selvages which consent a secure installation to supporting structures. This system allows the covers to be easily installed on low-cost constructions made from poles, steel cables and zinc wires.

Our films are ideal for the cultivation of cherries, grapes, pomegranates etc.



### Advantages

- Cover made with eyelets and reinforcements for easy installation.
- Produces the required percentage of diffused light to prevent excess of heat under the cover, improving fruit firmness and better fruit color.
- Protects fruits from the rainwater, preventing damage from breaking and discoloring.
- Coated on both sides, does not allow dust into the fabric and maintain more light transmission for a longer time
- Anti-UV protection and increased resistance to solar weathering.
- Reinforcement in the central and lateral fold doubling the strength of the film
- Waterproof and immune to the action of bacteria and fungi.

### Features

- Special reinforcement at center and edges
- Eyelets provided on edges and center
- Good light transmission
- High light diffusion
- Excellent mechanical properties
- UV Stabilized



#### ORCHARD COVER

Material	HDPE Woven Fabric
GSM	140/160 & Customized
Colour	Natural Diffused
Width	Upto 2.8m (single piece)
Length	Customized
Life	4 Years
Packing	Roll Form

Customized products available on request

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Water Conservation Solutions  
for **Better harvest**



**GREENPRO TUFF MAT**  
Lining Fabric



# GREENPRO TUFF MAT

## Lining Fabric

**GreenPro Tuff Mat Liner** is designed with our 30 years of experience in extrusion and weaving field as a farmer friendly product giving enhanced life to the product, increasing the profitability of the farmers.

With the in-house 7 Layer Extrusion plant, we are capable of making UV Stabilised, virtually impermeable Reinforced Composite Geo-Membranes, which will block water seepage .

With very high puncture resistance than industry standards, our customers will be able to get a far superior product for water retention in aquaculture, pond and canal lining applications.

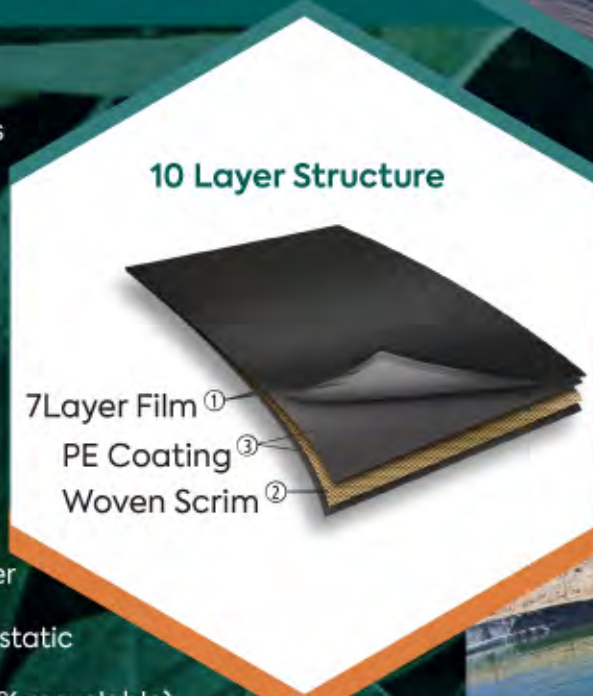


### Applications

- Canals, Dams & Reservoirs
- Contaminated Area Cap
- Evaporation Ponds
- Aqua Culture
- Landfills
- Pools, Ponds & Lakes
- Rig Pads
- Secondary Containment
- Sewage Treatment
- Vapor Retarders
- Road Works / Runways

### Advantages

- Maximum use of rain water
- Extra ordinary strength
- Very high puncture, hydrostatic pressure resistance
- Environment friendly (100% recyclable)
- Excellent hydro static resistance
- Very high UV protection - enhanced life
- Excellent flexibility enables easy handling
- Non-toxic, no PVC or other hazardous materials used
- Excellent mechanical properties
- Excellent welding characteristics & very high seam strength
- Excellent crack resistance
- GRI - GM 30 compliant
- BIS certified - CM/L : 6200142183



**Distributor :**

### Get In Touch :

GreenPro Ventures Pvt. Ltd.  
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CI-004

GEO MEMBRANE	
Material	HDPE Geomembrance
Thickness	300/500/750 Micron
Colour	Black/Blue
Width	Upto 2.35 m without seal Upto 7 m with seal
Length	Customized
Life	Buried : 10 Years; Exposed : 5 Years
Packing	2.35 m Rolls in PP Woven Bags & 7 m Welded pieces in bundles

Customised (Welded) products also available





## Water Storage Solutions



**FOLDABLE WATER TANK**  
Water Storage



# FOLDABLE WATER TANK

## Water Storage

GreenPro flexible water tanks are uniquely constructed of multiple layers of polyethylene with an outer covering of woven fabric. It is an environmental friendly flexible water storage system, which can be used in areas without fixed water storage facilities. It can be used in dry areas and hilly areas as an easy / quick water storage solution for irrigation and rain water harvesting.

We use a 3-layer welding production process. Two pieces of flexible membranes partially overlap and are welded together and after this a third layer of flexible membrane is welded along the joints. In this way, tensile strength of joints is reinforced to prolong life span of water tanks. It also can make water tanks 100% airtight.

The portable water tanks are extremely versatile and can be unrolled and used on any area of flat ground and require no special tools for installation and are easily emptied and packed for storage when not in use.



**EVOH & NYLON BARRIER FILM**  
(PE / Tie / Nylon / Tie / EVOH / Tie / PE)



**22 Layer Structure**

PP Woven Fabric

7 Layer Food Grade LDPE



Inlet and Outlet Fittings: 2" / 3" high quality PP flange with cam-lock with one safety cap.

**Available Capacity :**  
6,000-1,00,000 Litres

### Advantages

- Supply water anywhere anytime.
- Large capacity with light weight
- Convenient to use, move and transport
- Non-toxic, odorless, food grade standards
- Durable and can be reusable
- Outstanding tearing strength and tensile strength
- Cost effective and considerably cheaper than traditional water storage tanks

### Applications

- Longtime water storage and supply
- Marine boat water storage
- Temporary water storage
- Water supply for the arid region
- Military water storage
- Rainwater storage
- Agricultural irrigation water storage
- Bulk water storage - truck / tractor trailer conversion for water transportation

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CI-015

**Distributor:**





**Greenhouse Solutions for  
Better Crop Protection**



**GREENHOUSE ACCESSORIES**



# GREENHOUSE ACCESSORIES

## Trellising Rope

We provide black polypropylene rope manufactured with additives for protection against degradation due to ultraviolet rays. This kind of ropes will not degenerate for 2 to 3 years as against normal ropes degenerating in 2 to 3 months if exposed to sunlight. This has good stretching properties, hence useful for organic and protected farming. The color is also chosen black since it provides additional UV protection. Polypropylene twine are commonly used for trellising tomatoes, peppers and other vine plants.

### Features

- Light to medium duty, versatile
- Forms tight, strong knots
- Resistant to abrasions and UV light
- Available in roll form
- Does not harm the crop when supported or rested on it.

**Weight :** 1.8Kg / 5Kg

**Length :** 1800m / 5000m



## Film repair Tape

Greenpro film repair Tape is a single coated, 200 micron, UV stabilized, clear, polyethylene film with a high tack acrylic adhesive. Heavy-duty tape designed for interior and exterior bonding applications and is great for repairing minor tears in polyethylene greenhouse film.

**Width :** 2.75 inch/ 3.75 inch

**Length :** 25 meter



## Film Support Strap

Greenpro Film Support Strap is a UV stabilized jacquard multifilament strap, helps in enhancing the service life of greenhouse films as well as in bringing the reduction in possible damages caused by winds.

### Features

- Lightweight and easy to use
- Superior tensile strength.
- Capability to stretch
- Easily absorb shocks.
- UV Stabilized -Long life 5 years

**Length :** 100m



## Stitching Yarn

We offer a wide range of PP/PE monofilament yarns (denier range 300-1500) for various stitching purpose.

**Colour :** Customized



**Distributor :**

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**Climate Control Solutions for  
Better Crop Protection**



**CROP COVER**  
Non Woven Fabric



# CROP COVER

## Non-Woven Fabric

GreenPro crop cover is made from polypropylene spunbond non woven. It is a fabric-like material made from long fibres, bonded together by chemical, mechanical, heat or solvent treatment. The PP spunbond non woven fabric involves a continuous process, which convert polypropylene into a web composed of continuous filament.

GreenPro has gained a world-wide reputation in manufacturing and exporting excellent quality non-woven cover which are the safeguards for plants, fruits and vegetables against the damaging effects in winter season. These covers are made using high grade polymers. The fabric's breathable property allows air to permeate, while its inherent hydrophobic property prevents water from passing through and thus protecting plants from any water damage.

### Advantages

- Excellent protection of crops
- Creates a micro climate for uniform crop growth
- Preventing freezing in autumn crops
- Requires no installation structure
- Hydrophobic
- Reduces UV exposure
- Increases the duration of the season and yield
- The protection provided allows crops to grow without the use of pesticides and herbicides
- Increased productivity and quality of plants
- 100% recyclable

### Specification

Width : 3.2 meters (single)  
Thickness : 0.155 mm - 0.22 mm



# WEED BARRIER

## Non-Woven Ground Cover / Landscaping fabric

GreenPro Weed Barrier is specially designed to provide superior performance over traditional weed fabrics. The non-woven construction techniques provide for uniformity that is unsurpassed at blocking sunlight from reaching soil and retarding weed growth. The uniform construction also provides advanced water and air permeability, allowing soil to breathe and absorb moisture and nutrients from fertilizers. It is specially designed to provide superior performance over traditional weed fabrics.

Non-woven is made from polyester or polypropylene and offers a long time solution to weed control. The fabric is good for preventing weed from growing over gravel paths, walkways or with a desert landscape. When used underneath a gravel path it works well to prevent gravel from getting into the soil over a time.

### Advantages

- Provides stability to soil
- Stops weeds from growing to cracks
- Prevents insects from displacing sand underneath hardscapes
- Ideal for landscaping of gardens with rocks and creating rock paved patios.
- Fabric can also be hydrophilic treated - allowing air, water & nutrients pass through

### Specification

Width : 3.2 meters (single)  
Thickness : 50 gsm - Black fabric &  
110 gsm - Brown / Black (hydrophilic)

Distributor:

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**Storage Solutions for  
Better Grain Protection**



**SILO/GRAIN BAG**  
Storage Bags



# SILO/GRAIN BAG

## Storage Bags

In order to decrease the expense for the harvest storage and meanwhile, to uphold the quality for a long period of time, we introduce our 7 layer silo bag. These bags can store dry products such as wheat, maize, soybean, rice, barley, other grain products and wet products like silage, biomass, forage among others, which can hold the materials up to 250 MT. The 7 layer film is designed to withstand high puncture and dart impact especially in regions with severe climatic conditions.

We can design silo bags ranging from 8 to 10 feet diameters and customize the length based on specific requirements. Our In-house folding machine allows us to pack the silo bags in a folded manner for compatibility to load it on a bagging machine. The bags are finally folded and shipped in carton boxes for effective handling and transportation.



### Feature

- Excellent mechanical properties. Great resistance to punching and impact to the dart.
- Proper temperature for the optimization of fermentation.
- Minimum loss of nutrients in the conservation of the silage product.

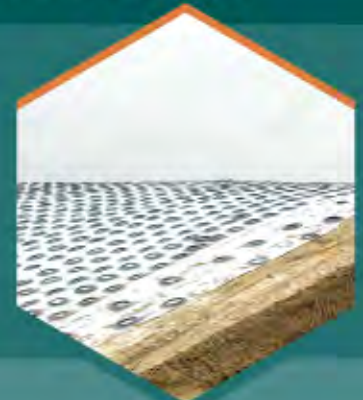
SILO/GRAIN BAG	
Material	7 Layer PE Film
Thickness	Upto 250 micron
Colour	Black / White
Bag Ø (feet)	8 to 10 (custom)
Length	60 - 95 m

Customized products available on request

## Silage protection Film

GreenPro 7 layered silage comes with better tear and puncture resistance and increased field performance over traditional covers. GreenPro black & white silage covers provide outstanding reflective properties – white on the outside to reflect the light and reduce heat transfer and black underneath to absorb heat and light.

**Width :** Upto 12m / **Thickness :** Upto 250 micron



## Silo Bag protection Net

GreenPro Silo Net are UV stabilised and manufactured from 100% virgin HDPE monofilaments to protect silage from birds, animals, wind, hail etc. Silo net has a closed, sturdy structure for protection, the edges are firmly sealed, which not only takes into account time-saving, quick and easy use, but also prevents the cover from being worn or torn and ensures long lifespan.

### Feature

- Very high protection from damage by birds, dogs, cattle and hail
- Saves time by a quick and easy use
- Easy to handle and store
- No decay, no mould
- Will keep silage sheet in close contact with silage surface



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CI-012





**Storage Solutions for  
Better Commodity Protection**



**HERMETIC BAGS & LINERS**  
Commodity Storage



# HERMETIC BAGS & LINERS

## Commodity Storage

### Hermetic Bags

GreenPro Hermetic bags are made up of ultra-high barrier PRO 7 layer films. Our bags are air tight and water resistant, thus helps to create a modified atmosphere inside the bag. It stops insect infestation and inhibits the growth of fungal contaminants without affecting the aroma, color and freshness and also preserves the germination rate of stored seeds. GreenPro hermetic bags are used as inner liner for jute bags or ordinary sacks to preserve agricultural commodities without the need for chemical fumigants.



### Hermetic FIBC Liner

GreenPro FIBC liners solution for the safe and protected transport of dry agricultural commodities. It is an ideal FIBC for preventing grain or seed damage due to condensation and insect infestation while in transit. It comes with a liner and the outer bag, as well as a downspout at the bottom that allows the easy discharge of grains.



### Hermetic Container Liner

Greenpro 7 layer hermetic container liners are specially designed to protect and preserve the quality of dry agricultural commodities transported in the shipping containers.



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CI-009