



**GEO**  
TEXTILE

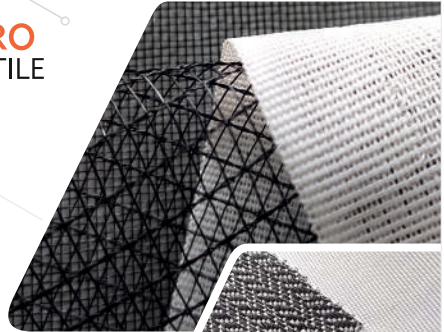
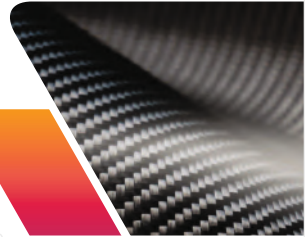
The diagram features a central network of thin grey lines connecting various hexagonal shapes. Some hexagons are solid grey, while others are white with a grid pattern. The text labels are placed near these shapes: 'GEO TEXTILE' (orange text), 'AGRO TEXTILE' (orange text), 'FIBCs WOVEN FABRIC' (purple text), and 'HT PPMF YARN' (purple text). The 'TECHNICAL TEXTILE' label is in pink text and is not connected to a specific hexagon in the diagram.

**TECHNICAL**  
TEXTILE

**AGRO**  
TEXTILE

**FIBCs WOVEN**  
FABRIC

**HT PPMF**  
YARN



## About Us

With over 35 years of rich experience of promoters, Macfil Global Pvt. Ltd. is emerging as a market leader in it's segment and has been supplying products to the leading brands worldwide.

During the early stages, the company toiled relentlessly in building a strong foundation, establishing a positive reputation, continuing to adapt in response to the ever changing circumstances and opportunities.

It has been successful in building a strong team with a combination of experienced and young people.

## Vision

"At Macfil Global Pvt Ltd", our vision for the future is centered on continuous growth, innovation and meeting the evolving needs of the market. Mentioning the road ahead for the company, Mr. Trambak Makwana (Managing Director) aims to provide high technical expertise and quality to their clients.

## Under one roof

### TECHNICAL TEXTILE

GEO TEXTILE

AGRO TEXTILE

FIBCs WOVEN FABRICS

FISHING NET

KNITTED FABRIC

SHADE NET

### GROUND COVER

PET STRAPS

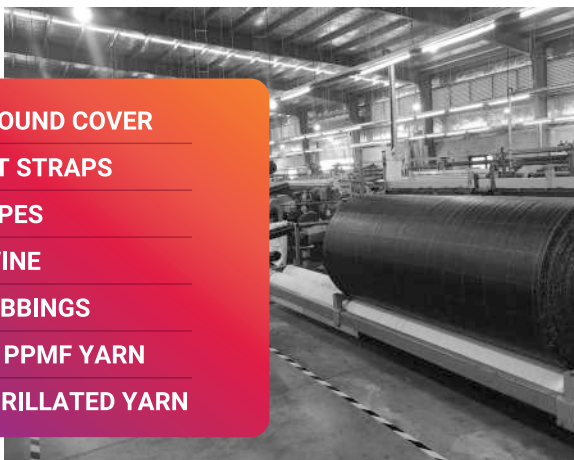
ROPES

TWINE

WEBBINGS

HT PPMF YARN

FIBRILLATED YARN



## Our Facility



**TAPE  
PLANT**



**DIRECT  
WARMING**



**RE-  
ROLLING**



**SECTIONAL  
WARMING**



**SULZER  
LOOMS**



**LABORATORY**

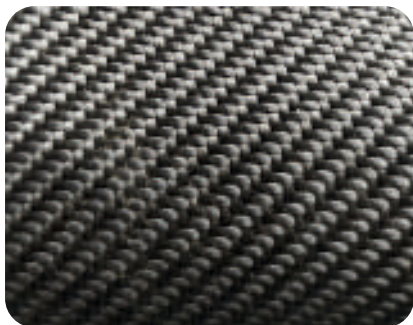


**MONO  
FILAMENT PLANT**



**NET DIVISION**

FACILITY



## GEO Textile

**Geo Textiles** are used in civil engineering and construction projects to improve soil stability, drainage and erosion control. They can be woven and are often used for road construction, embankments and retaining walls.

### FEATURES

- Durable • Tear Resistant • Puncture Resistant
- Breathable / Permeable • UV Stabilised
- Abrasion Resistant • Chemical Resistant
- High Load Capacity • Low Elongation
- Degradation Resistant

### SPECIFICATIONS

MATERIAL	Polypropylene
SIZE	Upto 17.5' / 5.20 Meter
COLOUR	Black / White / Brown
ROLL LENGTH	Upto 500 Meter
TYPE	Upto 315 Lbs / 100x100 Kn

### APPLICATIONS

- Road construction
- Driveway
- Installing paver blocks pavements & sidewalks
- Landscaping Projects
- River Bank protection

# GROUND Cover

**Ground cover**, also known as weed control fabric or landscape fabric are used in gardening, landscaping and agricultural applications for several purposes. The primary reason for using weed control mats is to prevent the growth of unwanted weeds.

## FEATURES

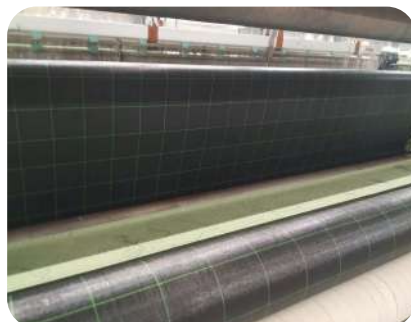
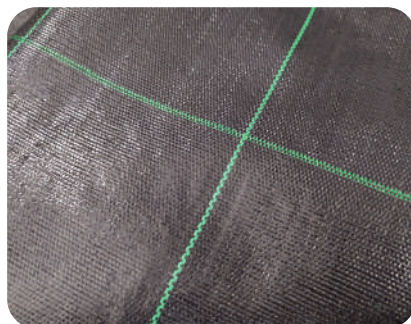
- High Strength • Flexible • Moisture Retention
- Durable • Tear Resistant • UV Stabilised
- Breathable / Permeable • Chemical Resistant
- High Reflectivity • Abrasion Resistant

## SPECIFICATIONS

MATERIAL	Polypropylene
SIZE	Upto 17.5' / 5.20 Meter
COLOUR	Black / White / Green / Brown
ROLL LENGTH	Upto 1000 Meter
TYPE	Vertical Line and Squares GSM : 80 To 150

## APPLICATIONS

- Nurseries
- Greenhouses
- Fruit & Flower Orchards
- Gardens
- Landscaping Projects
- Home Vegetable & Fruit Gardens







# WOVEN Shade Net

**Woven shade net** also known as shade cloth or shade netting, is a type of protective fabric designed to provide shade and control light exposure. It is typically made from High-density polyethylene and Polypropylene.

## FEATURES

- Light In Weight • UV Stabilised
- Moisture Retention • Durable
- Breathable / Permeable • Chemical Resistant
- Sun Light Blocking • High Strength • Flexible
- Easy Instalation

## SPECIFICATIONS

MATERIAL	PP & HDPE Tape/Mono & Mono/Mono
SIZE	Upto 17.5' / 5.20 Meter
COLOUR	Black / White / Green / Brown
ROLL LENGTH	Upto 500 Meter
TYPE	GSM: 50 To 150
SHADE FACTOR	50%, 75%, 80%, 90%

## APPLICATIONS

- Agriculture
- Greenhouses
- Nurseries
- Livestock
- Horticulture
- Construction and Mining
- Scaffolding

# ANTI-HAIL Net

**Anti-hail nets** are protective structures used in agriculture to shield crops, orchards and vineyards from the damaging effects of hailstorms.

## FEATURES

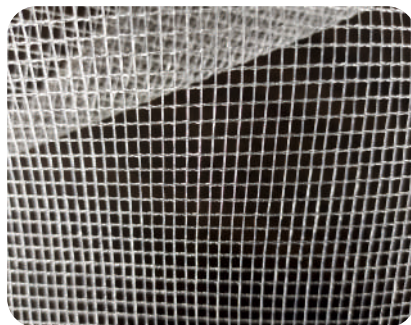
- Durable • Breathable / Permeable
- UV Stabilised • Chemical Resistant
- Abrasion Resistant • High Reflectivity
- High Strength • Moisture Retention
- Flexible

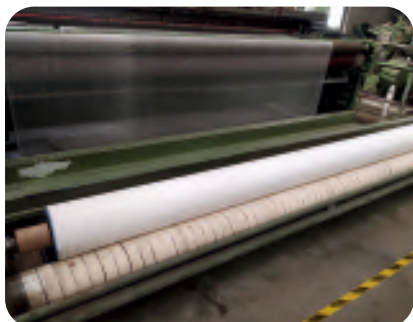
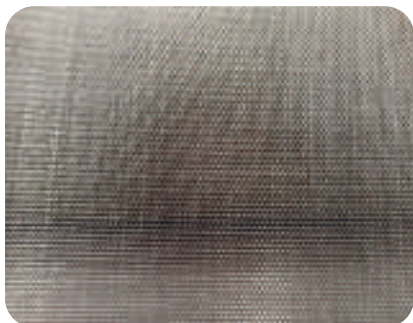
## SPECIFICATIONS

MATERIAL	HDPE
SIZE	Upto 17.5' / 5.20 Meter
COLOUR	Black / White / Green
ROLL LENGTH	Upto 500 Meter
TYPE	GSM: 60 To 90

## APPLICATIONS

- Nurseries
- Greenhouses
- Fruit & Flower Orchards
- Gardens
- Landscaping Projects
- Home Vegetable & Fruit Gardens
- Livestock





# ANTI-INSECT Net

**Anti-insect net**, also known as insect netting or insect mesh, is a type of protective barrier designed to prevent insects, pests and other small organisms from entering a specific area. These nets are commonly used in agriculture, horticulture and other industries where protection against insects is crucial.

## FEATURES

- Compatible Mesh Structure • Proper Ventilation
- Durable • UV Stabilised • Fertilizer Resistant
- High Reflectivity • High Strength
- Moisture Retention • Flexible

## SPECIFICATIONS

MATERIAL	HDPE
SIZE	Upto 17.5' / 5.20 Meter
	Mesh Size Upto 50x25 Picks/Inch
COLOUR	Natural White
ROLL LENGTH	Upto 500 Meter
TYPE	GSM: 100 To 180

## APPLICATIONS

- Agriculture
- Window and Door Screens
- Horticulture
- Greenhouses
- Floriculture
- Vegetable Gardens



# LENO Fabric

**Leno Fabric** is used for making Leno bags also known as mesh bags or net bags. Commonly used for various purposes, mainly in the packaging and transportation of agricultural and industrial products.

## FEATURES

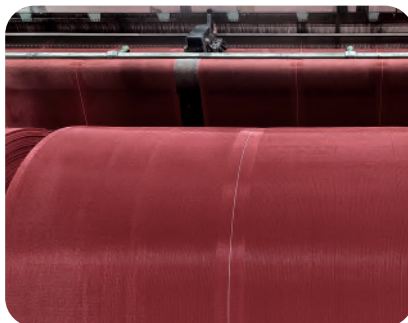
- Breathable / Permeable • Durable
- UV Stabilised • Chemical Resistant
- High Strength • Moisture Retention
- Flexible • Light in Weight

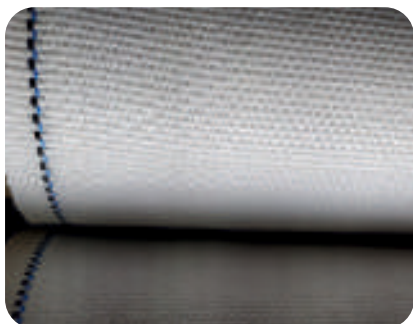
## SPECIFICATIONS

MATERIAL	PP & HDPE
SIZE	Upto 1.50 Meter
COLOUR	Black / White / Green / Red
ROLL LENGTH	Upto 500 Meter
TYPE	GSM: 50 TO 150

## APPLICATIONS

- Agricultural Products
- Firewood and Logs
- Shellfish and Seafood
- Toys and Sporting Equipment
- Promotional and Gift Bags





## FIBCs & MESH Fabric

**FIBC** stands for Flexible Intermediate Bulk Container, commonly known as a bulk bag, big bag or jumbo bag. FIBC fabric refers to the material used in manufacturing these large flexible containers. These bags are widely used in various industries for transporting and storing bulk quantities of goods.

**Mesh fabric** is commonly used for making spout, some times it is used as body fabric. Regular FIBC fabrics for Type A, B & D are made by PP slit films and Mesh fabric is made by HDPE monofilament yarn.

### FEATURES

- Flexible • Durable • UV Stabilised
- Moisture Control • High Strength • Re-usable
- Coating • Ventilation • Cost effective

### SPECIFICATIONS

MATERIAL	PP & HDPE
SIZE	Upto 1.20 Meter
COLOUR	Black / M. W. / Green / Red / Blue
ROLL LENGTH	Upto 1000 Meter
TYPE	GSM: 100 TO 250

### APPLICATIONS

- Bulk Material Handling
- Construction
- Agriculture
- Chemical Industry
- Waste Management
- Mining

# CONDUCTIVE & VENTILATED Fabric



**Conductive fabric**, also known as antistatic fabric or electrostatic dissipative (ESD) fabric is a type of textile that has been engineered to possess electrical conductivity. This means it can efficiently dissipate ground static electricity, reducing the risk of electrostatic discharge (ESD) in various applications.

**Ventilated fabric** in Flexible Intermediate Bulk Containers (FIBC) is designed to provide aeration and airflow within the bag. This feature is particularly useful for certain types of products and applications.

## FEATURES

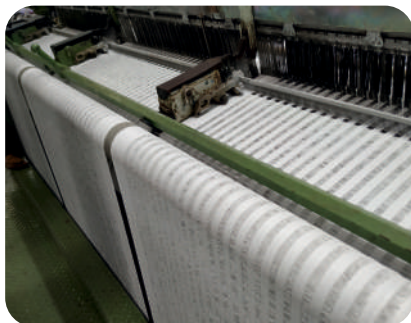
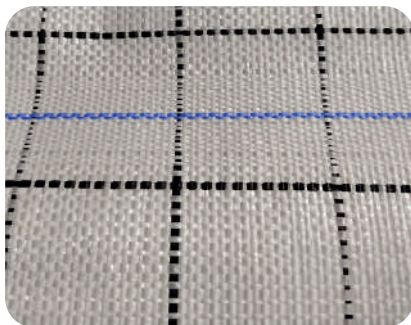
- Durable • UV Stabilised • Electrical Conductivity
- Chemical Resistant • Surface Resistant
- High Strength • ESD Protection
- Breathable / Permeable
- Aeration of Bulky Goods

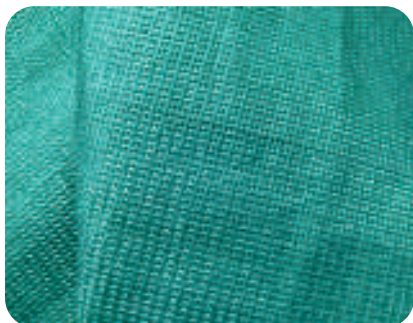
## SPECIFICATIONS

MATERIAL	Polypropylene
SIZE	Upto 1.20 Meter
COLOUR	Black / Milky White
ROLL LENGTH	Upto 1000 Meter
TYPE	GSM: 100 TO 250

## APPLICATIONS

- Petrochemical Industries
- Aerospace and Aviation
- Mining and Minerals
- Safety and Hazardous Materials
- Pharmaceuticals • Food Processing
- Construction • Waste Management





# KNITTED Shade Net

**Knitted shade net**, also known as raschel net is a type of protective netting made through knitting process, typically using High-density polyethylene (HDPE). This type of shade netting is designed to provide shade, temperature control and protection against sunlight for various applications.

## FEATURES

- Suitable for any types of crop in all seasons
- Effective Control Against Disease and Pest
- Effective Labour and Water Management
- Breathable / Permeable • Easy Installation
- Controlled Climatic Conditions
- UV Stabilised

## SPECIFICATIONS

MATERIAL	HDPE Tape/Mono, Mono/Mono & Tape/Tape
SIZE	Upto 5.00 Meter
COLOUR	Black / White / Green / Blue
ROLL LENGTH	Upto 500 Meter
TYPE	GSM: 50 TO 200
SHADE FACTOR	50%, 75%, 80%, 95%

## APPLICATIONS

- Agriculture
- Greenhouses
- Nurseries
- Livestock
- Horticulture
- Construction and Mining
- Scaffolding

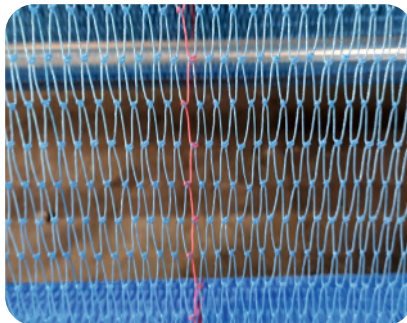
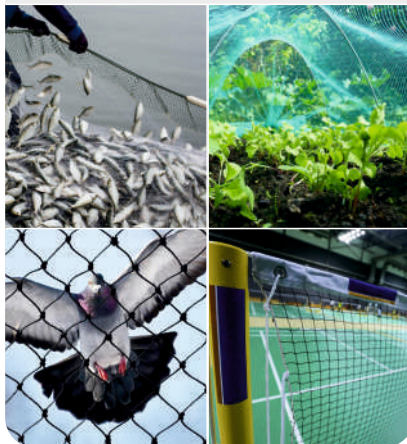


# FISH / AGRO / BIRD / SPORTS Net



## FEATURES & SPECIFICATIONS:

MATERIAL	Above nets are typically made from synthetic materials like Nylon & HDPE.
TWINE	3 Ply to 63 Ply
DEPTH	Upto 900 Meshes
MESH SIZE	8 mm - 300 mm
DURABILITY	Nets are designed to be strong and durable to withstand the stresses of applications.
CROP PROTECTION	Bird nets are used in agriculture to protect crops from the damage caused by birds.
UV RESISTANCE	Above nets are UV resistant.

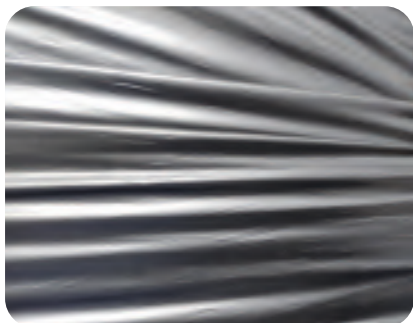


## APPLICATIONS

- Fishing
- Agriculture
- Nurseries
- Sports
- Construction
- Safety Net
- Aquaculture







# MULCH Film

In agriculture and horticulture, the use of **Mulch Film** is aimed to improve crop yield, conserving water and minimizing the need for herbicides. The specifications and features of the mulch film may vary based on the intended application and local environmental conditions. Farmers and gardeners often choose mulch films based on factors like crop type, climate, and soil conditions to achieve optimal results.

## FEATURES

- Maintain buffer soil temperature
- Prevent soil water loss due to evaporation
- Inhibit weed germination
- Maintain soil conditions

## SPECIFICATIONS

MATERIAL	3 Layer HDPE Film
SIZE	Upto 1.25 Meter
COLOUR	Black / Silver
ROLL LENGTH	Upto 800 Meter
THICKNESS	Upto 30 Micron
UV	UV Stabilised
PERFORATION	As per Customer requirement

## APPLICATIONS

- Agriculture
- Horticulture
- Crop Protection
- Water Conservation
- Temperature Regulation

# HT POLYPROPYLENE MULTIFILAMENT & FIBRILLATED Yarn

## High Tenacity Polypropylene Multifilament

**Yarn** (HT PPMF Yarn) is a versatile synthetic fiber material with a range of notable features and advantages that make it highly suitable for various applications. These features makes HT PPMF yarn popular choice for various industries like Woven sack, Ropes, Filter fabric & Geo textile, where strength, durability and chemical resistance plays a crucial role.

**PP Fibrillated Yarn** is a type of synthetic yarn made from polypropylene film that have been mechanically processed to create fine, hair-like fibrils. These fibrils give the yarn a unique texture and appearance. Also impact its features and applications.

## FEATURES

- High Strength • Light Density • UV Stabilised
- Low Moisture Absorption • Chemical Resistent
- Abrasion Resistance • Fibrillated Structure

## SPECIFICATIONS

MATERIAL	Polypropylene
DENIER	400 To 5000
COLOUR	More than 100 Developed colours
TWIST	Flat / Aim / Twisted 2 & 3 PLY Twisted Yarn
UV	With & Without UV

## APPLICATIONS

- Big and Small Bags Stitching
- Narrow Woven Fabric
- Geo Textile and Filter Fabric
- Bag Closing
- Ropes • Safety Belts
- Food Grade Bags Stitching



# OUR Group Companies



**Variofil  
Industries**



**VERA SYNTHETIC LIMITED**



**Macfil Global Pvt. Ltd.**

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