



**ALITY AGRO**  
Products Pvt. Ltd.

# ALITY PRODUCTS

Farmers 1<sup>st</sup> choice



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

# ABOUT US



ALITY AGRO is a Leading Manufacturer and Exporter of Agricultural Films, Packaging Films and Agriculture Supporting Products

Ality Agro is a renowned leader in manufacturing wide ranges of Films that include Mulch Films, Silage Film, Low Tunnel Films, Plant Protection Cover, Shade Net, Pond Canal, Reservoir Lining and FIBC Products.

With presence in 6 continents and all major states in India. With a network of more than a 100 super stockists and distributors. We are delivering high end quality products to our client. Constantly adding new products every year through collaborations. Bringing the latest technology to Indian Farmers.

# AGRICULTURE PRODUCTS

- Mulch Film
- Crop Covers
- Tarpaulin
- Shade Nets
- Weed-mat
- Pond Liner



## VARIANTS OF MULCH FILM

Super Quality Mulch Film (With Life warranty)

Champion Quality Mulch Film (With Life warranty)

Light Quality Mulch Film



# MULCH FILMS

Mulch Film not only maintains the quality of soil but also aids in the faster growth of plants. By reflecting light, it ensures control on growth of weeds as photosynthesis process will not be carried out. Mulching in agriculture is the next big-thing - and here show! The plastic used in the film offers great advantages blocking in moisture that further results in less water evaporation for loose indwell aerated soil, reducing the need of compaction.



## SPECIFICATIONS

Length	: 300m, 400m, 500m, 800m, 1000m, (Customization Available)
Thickness	: 20, 25, 30, 50, 100, Micron (Customization Available)
Width	: 30cm to 150cm
Applications	: Agricultural Farms, Horticulture
Material	: LDPE/ LLDPE
Packaging	: Roll or palets (Export Standard)

## BENEFITS

- Controls weed growth
- Protect crops against insects
- Earlier Harvest
- Prevent penetration of heat into the ground
- Reduce the use of herbicides and pesticides
- Helps in Fumigation
- Aids in faster growth of crops
- Reduces soil compaction
- Keep fertilizers & nutrients closer to the plant
- Prevents drowning of crops

# TYPES OF MULCH FILM

## SILVER BLACK MULCH FILM



Ality mulching saves time, money, fertilizer, and water. Freedom from weeds and pesticides. Easily removable from the field, the farm avoids soil loss.

## WHITE BLACK MULCH FILM



Suitable for Summer season. Decrease mortality ratio of the crop. Production increases and inter-agricultural. Labour cost is reduced.

## YELLOW MULCH FILM



Reduce the damage of crop due to insects. Preserve the quality of crops. Yellow has the properties to Attracts moths and insects.

## BIODEGRADABLE MULCH FILM



Speed up the germination and cultivation cycle of the crop. Eliminate or reduce the use of herbicides and pesticides. No need to remove from land, no disposable cost.

## CHAMPION MULCH FILM



More durable and flexible. Production increases and inter-agricultural labour cost is reduced. Freedom from weeds and pesticides.

## BLACK BLACK MULCH FILM



Black promotes earlier cropping by heating the soil. Decreases both horizontal and vertical erosion. Easily removable from the field, the farm avoids soil loss.

## RED MULCH FILM



Increase in yield of crops Soil temperature control

## TRANSPARENT MULCH FILM



Transparent films allow the diffusion of the heat also in the deeper layers of the soil.



# CROP PROTECTION COVER

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Plant protection cover is especially helpful in winter season, for protected farming. These covers are made by using high grade polymer which is porous enough to let air pass through it. Yet, it is also water proof to avoid any damage to plants to achieve protected farming. It is also used for protecting the plantations.

In gardens and farms against insects and frost. Furthermore, this plant protection cover also works as economical green house insulation without the problem of condensation.

## BENEFITS

- Reduce the need for herbicides and other pesticides
- Improve yields by enhancing soil health
- Prevent soil erosion
- Conserve soil moisture
- Protect water quality
- Help safeguard personal health



# SHADE NET



Shade Net knitted polyethylene is a lightweight fabric that provides plants and people with protection from the sun. Shade Nets are basically used to provide shade to Green In Agriculture sector which is the reason why they are also known as Cargo Nets These Green Houses are made out of Iron, Wooden or Plastic skeleton structures which are then covered by shade net as per specific requirements. Shade Nets are made to provide various density shades ranging from 25% to 95%. These Green Houses help in providing year round protection from sunlight, heat, cold & wind for raising off season crops through the year.

## SPECIFICATIONS

Width	: 1m to 6m
Thickness	: 25mm to 50mm
Length	: 10m to 15m
6 Gauges	: 70 To 120gsm
9 Gauges	: 100 to 200gsm
Material	: LDPE/ LLDPE
Shading Percent	: 50, 75, 90

As a manufacturer we can customized as per requirement

## STANDARD SIZES

1.0m x 50m	7.5m x 50m
2.0m x 50m	8.5m x 50m
3.0m x 50m	9.5m x 50m
4.0m x 50m	10.5m x 50m
5.0m x 50m	11.5m x 50m
6.0m x 50m	

## BENEFITS

- Enhances Photosynthesis by manipulating the amount and quality of light.
- Improves productivity by moderating extremes of temperatures, prevents sunburn.
- Reduces crop damage against hail, heavy rain & winds.
- Provides a pleasant working environment.
- Uni form shade & Soil support.

# APPLICATION OF SHADE NET

## AGRICULTURE

Shade net is used to provide shade for agricultural purposes. Depending on the type of crop, its light and photosynthesis needs, the right choice of shade nets are critical.



## SCAFFOLDING NET

Shade nets or also called Scaffolding nets are used to improve the safety of construction sites. These give maximum safety at construction sites and help to increase the speed of construction.



## HORTICULTURE

Horticulture is the agriculture of plants in house, the surrounding for it also requires a suitable amount of sunlight and air ventilation. Shade net usage plays important role in horticulture.



## SPORTS-PURPOSE

Sports net is useful in creating more safe space out of a limited area. Nets can be used on terraces of buildings or in compounds to restrict balls from damaging property or threatening life.



## ANTI HAIL NET

Horticulture is the agriculture of plants in house, the surrounding for it also requires a suitable amount of sunlight and air ventilation. Shade net usage plays important role in horticulture.



## INTERIOR / EXTERIOR

Special types of nets are used for decoration purposes. This type of shade nets are available in various sizes and different colors and designs.





# WEED MAT

Weed Mat is generally made of plastic. It works by stopping the supply of sunlight to the weeds, thereby killing them. A high quality weed mat will suppress the growth of weeds, while at the same time providing sufficient drainage for the soil underneath, so that it stays moist and nourished. Strong and durable and easy to install yourself, IRIS Weed-mat comes in a range of pre-packed sizes for your convenience. Allows water and air flow for healthy soil and plants. It inhibits weeds growth and greatly reduces the need for harmful sprays.

## BENEFITS

- Resistant to UV light protected from biological attack by microorganism.
- It acts as a better resistor to a wide range of chemical.
- Holds moisture during dry spells and protecting your soil.
- Outstanding flexibility, elongation and dimensional stability.
- Physical properties are retained due to longer soil burial.
- Prevents loss of water through seepage.
- Flexible at temperature below freezing point.
- High Corrosion resistance.
- High breaking strength, tear-resistant.
- Heavy-duty and sturdy design.

## SPECIFICATIONS

Thickness : Fabric (150 Microns to 250 microns)

Width : 6 Feet Panel (Customized )

Color : Black

Material : HDPE

LIFE : 3-5 Years



# POND CANAL

A Pond liner is an impermeable geomembrane used for retention of liquids, including the lining of reservoirs, retention basins, hazardous and non hazardous surface impoundments, garden ponds and artificial streams in parks and gardens. The rain water gets drained away from lands for lack of a proper catchment area. Also a large amount is lost due to seepage in ground. Highly useful in porous soil where water retention in pond and water harvesting tanks are low Suitable for affluent ponds and channels to reduce soil and ground water contamination.

## BENEFITS

- Resistant to UV light protected from biological attack by microorganism.
- Flexible at temperature below freezing point.
- It acts as a better resistor to a wide range of chemical.
- High puncture resistance.
- Lower moisture vapour transmission.
- The lining improves water availability for a longer period of time.
- Outstanding flexibility, elongation and dimensional stability
- Physical properties are retained due to longer soil burial.
- Prevents loss of water through seepage.



# SILAGE FILMS

Silage film is an agricultural film used in farmland for protection and storage of forage, silage, hay and maize in areas where the growth period of herding grass is relatively short. Bundling of silage using silage film helps in transportation and delivery. Silage Film can also act as a green-store since it keeps the forage under an optimum humidity condition to facilitate controlled anaerobic fermentation. As silage film manufacturers, we also create products that cover various hazards in agriculture.



## FEATURES & BENEFITS

- UV Protected
- High Durability.
- Resistant to weathering
- Milky white in colour
- Avoid the silage from spoiling.
- Unbreakable under extreme conditions.
- Maintains the nutritional value of forage & inhibit undesirable fermentation processes
- Reduces the risk of forage getting spoiled during bad weather
- Enhances the nutritional value of forage during storage
- Forage covered by Silage Film is of high density and is easily digestible by the cattle.

## SILAGE FILMS

Width	: 250mm/500mm/750mm
Length	: 1200m/1500m/200-750 mm
Transparency	: Opaque
Certificates	: CIPET
Material	: LDPE/ LLDPE
Color	: White/Black/Green etc.

As a manufacturer we can customized as per requirement





# TARPAULIN

A tarpaulin or tarp is a large sheet of strong, flexible, water-resistant or waterproof material, often cloth such as canvas or polyester coated with polyurethane, or made of plastics such as polyethylene.

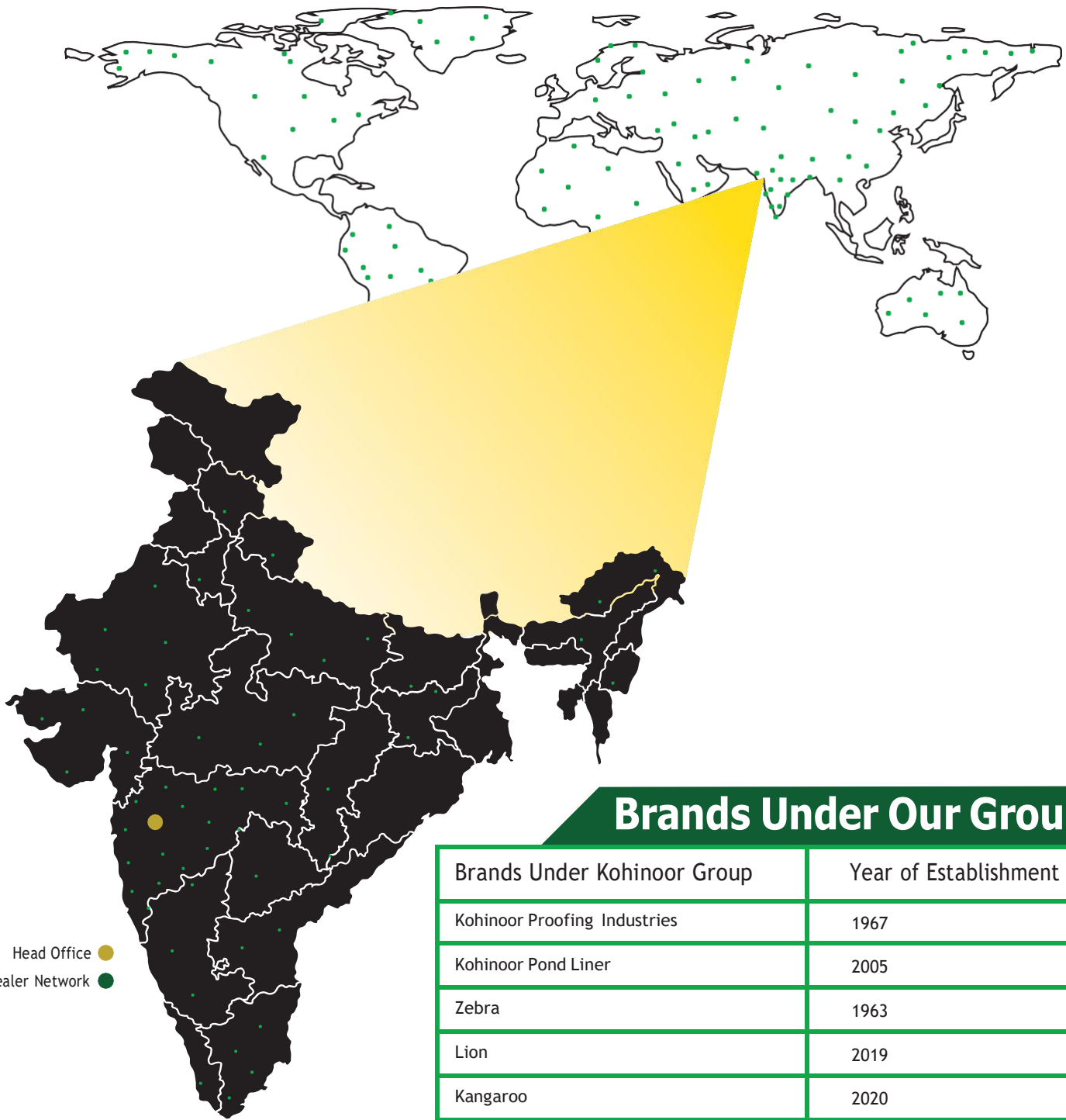


## SPECIFICATIONS

Size	: As per order
Length	: As per order
Width	: As per order
Thickness	: 120 GSM to 250 GSM
Color	: Black, Blue, Yellow, Orange and As per order
Life	: 2-5 years
Material	: HDPE and LDPE (Coating)

## BENEFITS

- There are many good qualities Tarpaulin is having that is making it an ideal product
- It is fabricated from the virgin polyethylene
- It is rough and durable
- Tarpaulin is having the ability to resist puncture and is having high tensile strength.
- Its light weight is enhancing the handling ease.
- The outstanding flexibility is making it suitable for covering the irregular shapes.
- It is fire retardant.
- Tarpaulin is 100% waterproof, rot proof, and leak proof and oil proof.
- It is having strong aluminium passivity eyelets.
- It is resistant to stains and acids.
- It is fully recyclable and environmental friendly.



Head Office ●  
Dealer Network ●

## Brands Under Our Group

Brands Under Kohinoor Group	Year of Establishment
Kohinoor Proofing Industries	1967
Kohinoor Pond Liner	2005
Zebra	1963
Lion	2019
Kangaroo	2020
Ality Agro Products Pvt.Ltd	2020
Ality Paper products Pvt. Ltd	2020

## Contact Us:



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