

India's Largest Manufacturer of
Advanced Shade Nets

Elegance
surface — export elegance import trust



Dedicated to Grower
Success Since Inception.

www.elegancesurface.in

THE SHADE NET COMPANY

We are Industries stands as the largest manufacturer of diverse agricultural nets in India and a leading multi-product company in the sector. Since its inception, the company has driven success by successfully catering to the precise needs of growers, especially concerning shading nets. This market dominance is fueled by an unwavering commitment to constant research & development and proactive, effective guidance to the farming community.

The company's core strength lies in its relentless pursuit of product excellence and innovation. By dedicating resources to continuous R&D, We ensures its agricultural nets are built with superior quality and performance, directly translating into better yields and protection for the growers. Their commitment extends beyond manufacturing to fostering a partnership with customers, providing the technical expertise necessary to maximize the benefits of their products.

We maximizes efficiency and customer satisfaction through its centralized Sales & Marketing operation located directly at its Works in India. This strategic consolidation ensures unparalleled accuracy in dispatches and creates a highly cohesive unit of marketing and technical personnel. This integrated approach is designed to benefit the customer directly, guaranteeing a seamless transition from order to application.



WHY US ?

OUR MISSION

To deliver high-quality, technologically advanced agricultural nets that optimize farming outcomes, enhance crop protection, and ensure the sustained prosperity of every grower we serve through dedicated R&D and expert guidance.



OUR VISION



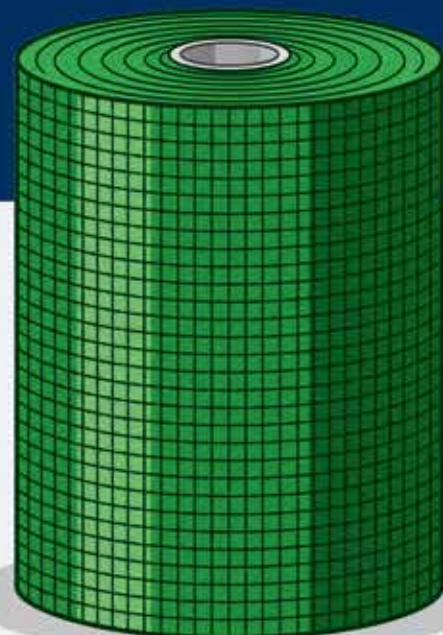
Our vision is to be recognized globally as the pinnacle of agricultural protection solutions, continually setting the standard for innovation, sustainability, and grower empowerment through superior net technologies. We aspire to move beyond simply manufacturing shade nets we aim to be the most trusted strategic partner for growers worldwide.

CORE VALUES

Achieve a minimum 98% satisfaction rating among growers by providing the most reliable products and technical application support. Invest 15% of annual R&D efforts into developing next-generation netting materials that offer greater durability and tailored light management.



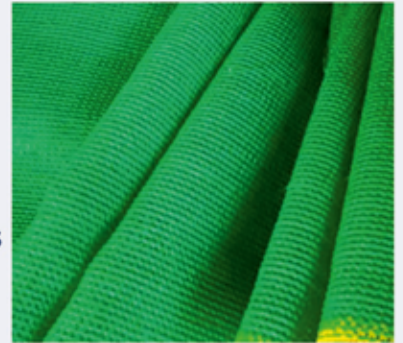
UNMATCHED
Quality And
COMMITMENT



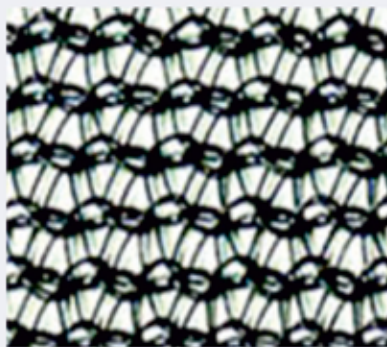
KNOW MORE SHADE NET

TAPE X TAPE NETS

TAPExTAPE nets are shade nets having tape filament or flat filament as we say in common terms as its main material. TAPExTAPE nets are cost effective and is preferred mostly for domestic, commercial and shading purposes. TAPExTAPE nets are nowadays highly used for field boundaries & construction safety along with safety nets. We at Econet Industries manufacture TAPExTAPE nets in sizes having width 1.5, 2, 3, 5 & 6 mtrs and length of 50 and 100 mtrs. TAPE xTAPE nets mainly have 3 subtypes depending on the shade factors, which are: 50%, 75% and 90%. All sizes are manufactured in all these 3 shade factors. Green colour is widely accepted and is fast moving for TAPE X TAPE nets. These nets are manufactured from 100% HDPE granules and are U.V concentrated for atleast 3 years. These type of nets are manufactured from film rolls which are extruded from blown film plant.



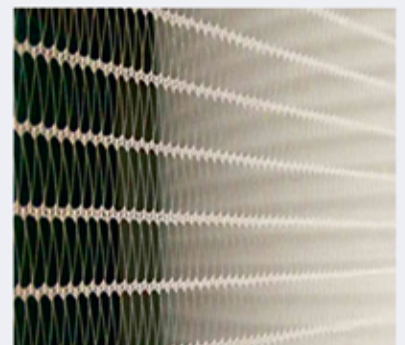
MONO X MONO NETS



MONOxMONO NETS are vastly used and accepted type globally. These nets serve different areas of applications such as Agriculture, Horticulture, Scaffolding, Boundaries, Safety, etc. These nets are widely accepted because of multi applications and heavy strength. These nets as the name suggests are manufactured from monofilament yarns or round yarns as said in common terms. These nets are strong in compared to TAPExTAPE nets. These nets are made from 100% HDPE granules and are U.V concentrated for atleast 3 years and are generally used for 50% and 75% shading, having a GSM bracket from 60 GSM to 200 GSM. No size in such is predefined as it serves multi applications. These nets are made in sizes according to buyer requirements respective of the quantity required. Various colours such as white, beige, black, green, etc are made as per buyer requirements.

ANTI HAIL NETS

Anti Hail Nets are used to protect crops from hail and snow in areas having highly cold weather. Heavy snow and hail storms are frequent in these cold areas which can burn and wither crops grown in these areas. Anti Hail Nets are light weighted yet have high tensile and breaking strength so they can withstand heavy weight of hail on top of them. These nets are mainly available in sizes of 7 and 9 mtrs in width and 100 mtrs in length. These nets are manufactured from monofilament yarn or round yarn. The yarns used in these nets are extruded from monofilament horizontal plant. These yarns have exceptionally high tensile strength, which in turns give these nets high durability. These nets are also manufactured from 100% HDPE granules. Colours widely accepted in Anti Hail Nets are Milky White and Transparent White.



TECHNICAL SPECIFICATION

Our shade nets are engineered using high-density polyethylene (HDPE) and advanced UV-stabilization techniques to ensure long-lasting performance in the harshest environments. We maintain rigorous quality control standards across our entire production line, ensuring that every roll delivers consistent shade factors and high tensile strength. By integrating precise manufacturing processes, we provide a product that not only protects against solar radiation but also withstands wind loads and environmental wear, making it a reliable choice for agriculture, construction, and commercial applications.

The versatility of our product range is reflected in our detailed technical framework. We offer a comprehensive selection of weights (GSM) and shade percentages to suit diverse climate requirements. As outlined in the following specification tables, our standard offerings are categorized by density, bale quantity, and unit weight to help you select the exact level of protection required for your project. Each batch is tested to ensure that the physical properties from tear resistance to color fastness meet international benchmarks.

Width : 3 Mtr., 4 Mtr., 5 Mtr., 6 Mtr.

Length : As your Requirement

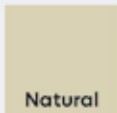
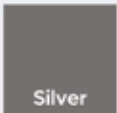


TECHNICAL SPECIFICATION

Quality	Width Size in Feet	Size per Piece	Weight per Piece	Pcs per Bale	Avg. Weight per Bale
50% (60 GSM)	5 Feet	1.5*50 Mtr	4.5 Kgs	12	54 Kgs
50% (60 GSM)	6.5 Feet	2*50 Mtr	6 Kgs	10	60 Kgs
50% (60 GSM)	10 Feet	3*50 Mtr	9 Kgs	6	54 Kgs
75% (100 GSM)	5 Feet	1.5*50 Mtr	7.5 Kgs	8	60 Kgs
75% (100 GSM)	6.5 Feet	2*50 Mtr	10 Kgs	6	60 Kgs
75% (100 GSM)	10 Feet	3*50 Mtr	14 Kgs	4	56 Kgs
75% (100 GSM)	13 Feet	4*50 Mtr	20 Kgs	3	60 Kgs
75% (100 GSM)	16 Feet	5*50 Mtr	23 Kgs	3	69 Kgs
75% (100 GSM)	20 Feet	6*50 Mtr	30 Kgs	2	60 Kgs
90% (120 GSM)	5 Feet	1.5*50 Mtr	9 Kgs	6	54 Kgs
90% (120 GSM)	6.5 Feet	2*50 Mtr	12 Kgs	6	72 Kgs
90% (120 GSM)	10 Feet	3*50 Mtr	18 Kgs	3	54 Kgs
90% (120 GSM)	13 Feet	4*50 Mtr	24 Kgs	3	72 Kgs
90% (120 GSM)	16 Feet	5*50 Mtr	30 Kgs	2	60 Kgs
90% (120 GSM)	20 Feet	6*50 Mtr	36 Kgs	2	72 Kgs
75% (75 GSM)	16 Feet	16*32 Mtr	3.6 Kgs	16	58 Kgs
75% (75 GSM)	16 Feet	16*64 Mtr	7.2 Kgs	8	58 Kgs

*The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications. The information contained herein is accurate and reliable to the best of our knowledge and provided for reference purpose only.

FIND YOUR COLORWAYS

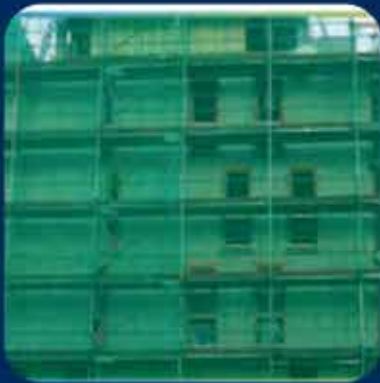
 Aqua Blue	 Black	 Cherry Red	 Desert Sand	 Desert Sand	 Natural	 Navy Blue	 Ocean Blue	 Ochre Red	 Rivergum
 Royal Blue	 Silver	 Sky Blue	 Steel Grey	 Terracotta	 Yellow	 Charcoal	 EverGreen	 Polar White	 Terracotta

*Shade sails come in a wide variety of colours to suit any home decor or corporate colours.

APPLICATION OF SHADE NET

ANTI-FROST AND DEW MANAGEMENT

Although not a heating system, the netting provides a crucial layer of thermal insulation by minimizing radiant heat loss from the ground at night. This can elevate the temperature by a few critical degrees, offering necessary short-term protection against mild or early-season frosts. Furthermore, the nets can help reduce excessive dew formation, mitigating the conditions that favor certain fungal diseases.



SOIL PROTECTION AND NUTRIENT RETENTION

The diffused light and protection from hard rain and wind help to maintain the integrity of the topsoil, which is rich in essential nutrients. By reducing the harsh impact of weather, the net slows down soil erosion and runoff. This preservation of the fertile top layer ensures that the crops have continuous access to a stable, nutrient-rich base for sustained, healthy growth.

ENHANCED PRODUCT QUALITY AND AESTHETIC

Consistent light diffusion and thermal protection lead to more uniform growth across the entire field or greenhouse. This stability results in better-formed fruits and vegetables, improved fruit coloring, and higher overall aesthetic quality and size uniformity. Ultimately, the use of quality shading leads to a better market price and better returns for the grower.



SPECIALIZED NURSERY & SEEDLING MANAGEMENT

Shade nets are indispensable tools in nurseries where young plants and seedlings require a highly specialized and gentle start. They provide the perfect percentage of filtered light necessary for vigorous germination and initial development without shock. This controlled environment aids in the critical "hardening" phase, preparing strong, disease-resistant saplings for successful transplanting to open fields.

APPLICATION OF SHADE NET

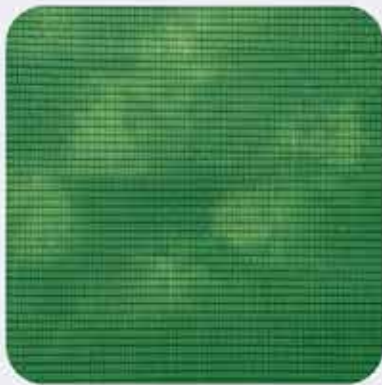
SUNLIGHT & HEAT MODULATION

AGROKAVACH nets are precision-engineered to filter out the harshest spectrum of solar radiation, effectively preventing leaf burn and sunscald on sensitive crops. By diffusing intense light, they ensure that the plant receives adequate, yet managed, light for uninterrupted photosynthesis. This modulation is vital for maintaining optimal growth conditions, especially during peak summer months, and significantly enhances the market quality of delicate produce like flowers.



MICROCLIMATE REGULATION & STABILITY

The nets act as an atmospheric buffer, stabilizing the air temperature within the covered area throughout the day & night. They prevent the excessive heat buildup that causes plant stress and also help to retain some warmth during cooler evening hours. This controlled & consistent microclimate is paramount for high-tech protected cultivation, guaranteeing an environment that accelerates growth cycles and yields.



WATER USE EFFICIENCY & CONSERVATION

By cutting the direct solar load, the shade nets dramatically reduce the rate of surface water evaporation from the soil and the plant's transpiration rate. This translates directly to significant water savings, reducing the frequency & volume of necessary irrigation. For growers in regions with limited water resources, this benefit is critical for the sustainability and profitability of their farming operations.



VERSATILE NON-CROP APPLICATIONS

Beyond plant agriculture, AGROKAVACH nets offer effective, immediate shading solutions for livestock and poultry housing, outdoor feed areas, and aquaculture ponds. Providing thermal comfort for animals prevents heat stress, which is essential for maintaining productivity, health, and welfare in intense sun environments. This broadens the net's utility across the entire agribusiness spectrum.



MECHANICAL PROPERTIES

TENSILE STRENGTH

Shade nets are designed to withstand tension and resist stretching or breaking.

TEAR RESISTANCE

High-quality nets are tear-resistant, ensuring they maintain their integrity.

WEIGHT AND THICKNESS

These properties may differ based on the specific net's purpose and application

UV RESISTANCE

Shade nets are UV Resistant, offering protection against harmful ultraviolet radiation.

WATER PROOFING

Shade nets are designed to be waterproof, providing protection against both sun and rain.



BUG RESISTANCE

Shade nets are providing a barrier against insects and pests.

BREATHABILITY

Shade nets are designed to be breathable to allow air circulation.

UV STABILIZATION

The HDPE material is UV stabilized, providing effective protection against ultraviolet (UV) radiation from the sun. This UV resistance enhances the shade net's durability & lifespan, making it suitable for prolonged outdoor use.



PRODUCT FEATURES

Shade net is widely used as Greenhouse, agro net, fencing, crop cover, window cover, gallery cover, balcony cover, roof cover, outdoor curtain, flooring, construction site cover, parking cover, sun shade sail, etc. for dust protection, sun protection, and safety.

Agrokavach shade nets are a ventilated climate controller, works great for keeping the heat out and protecting your plants from the sunlight, overheating in greenhouses. It is the most effective way to protect against UV harm and nurture healthy, productive plants.



**HDPE Warp
Knitted Material**



**Lightweight &
Flexible**



**Modern
Technology**



**Optimum Shade
Factor**



Durability



UV Stabilized



Breathable



Tear Resistant



**UNMATCHED
QUALITY
UNRIVALLED
EXPERTISE**



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