

# Mantis

## Barrier Mesh

- ✓ Durable Protection
- ✓ Versatility
- ✓ Flexibility
- ✓ Light transmittance and air permeability

Welcome to Mantis Materials, where innovation meets protection. Our Barrier Mesh is a multifunctional mesh material with multiple functions such as protection, isolation, and filtration.

### Key Features:

- **Versatility:** Barrier Mesh can be customized according to different needs and is suitable for a variety of purposes such as protection, isolation, filtration, and support.
- **Durability:** Barrier Mesh is usually made of high-strength materials, with corrosion resistance, weather resistance, UV resistance and other characteristics, and can be used for a long time in harsh environments.
- **Light transmittance and air permeability:** Barrier Mesh has good light transmittance and air permeability, and is suitable for applications such as sunshade and insect prevention in agriculture and horticulture, and will not affect the normal growth of plants.





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### Industry-Specific Applications:

#### ➤ Construction Site:

-Safety fence: In construction sites, Barrier Mesh is often used as a temporary fence to prevent unauthorized personnel from entering dangerous areas and ensure construction safety.

-Anti-fall net: In high-altitude operations, Barrier Mesh can be used as an anti-fall net to prevent tools or materials from falling and protect the safety of personnel and equipment below.

#### ➤ Agriculture and horticulture:

-Anti-insect net: Barrier Mesh can be used to cover crops, prevent pests from invading, reduce the use of pesticides, and increase crop yield and quality.

-Shade net: In hot seasons, Barrier Mesh can be used for shading, adjusting light intensity, and protecting plants from strong light damage.

-Support net: In horticulture, Barrier Mesh can be used to support climbing plants, such as grapes, cucumbers, etc., to help plants grow.

#### ➤ Environmental protection:

-Dust-proof net: In construction sites or open-pit mines, Barrier Mesh can be used to cover exposed land to prevent dust from polluting the air.

-Bird-proof net: In airports, orchards and other places, Barrier Mesh can be used to prevent birds from entering and reduce bird damage to equipment and crops.



Black, Orange & Green  
Colour  
Available...

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- ✓ Flexibility
- ✓ Easy Application and Removal

### Installation:

- Choose the right material: Choose the right Barrier Mesh material, such as metal, plastic or composite material, according to the application scenario.
- Fixed firmly: During the installation process, ensure that the Barrier Mesh is firmly fixed, especially in windy or high-risk areas, to prevent the mesh from loosening or falling off.
- Reasonable layout: Reasonably layout the Barrier Mesh according to actual needs to ensure that it can effectively cover the target area and achieve the best protection effect.



### Maintenance:

- Regular inspection: Regularly check the condition of the Barrier Mesh, especially after bad weather, to ensure that it is not damaged or loose.
- Timely repair: If the Barrier Mesh is found to be damaged or loose, it should be repaired or replaced in time to prevent safety hazards.
- Cleaning and Maintenance: Clean Barrier Mesh regularly, especially in agricultural and horticultural applications, to prevent dust and debris from clogging the mesh and affecting its light and air permeability.



At Mantis Materials, we recognize the diverse needs of each industry. Our Barrier Mesh ensures tailored protection for surfaces, promoting the longevity and quality of your products in every application.

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### Specifications:

Size(Roll):	Weave:	Denier:	Weight:	Color:
1.6mx50m/100m	6x6	1000Dx1000D(1100dtex)	180gsm/220gsm	White
1.6mx50m/100m	9x9	1000Dx1000D(1100dtex)	240gsm/260gsm	White
1.8mx50m/100m	6x6	1000Dx1000D(1100dtex)	180gsm/220gsm	White
1.8mx50m/100m	9x9	1000Dx1000D(1100dtex)	240gsm/260gsm	White

We offer a wide range of custom sizes and colors for your convenience.

Additionally, logo printing is available throughout the entire roll.

Fire retardance in the material is optional.

