



Heavy Duty Shade Membrane Structure Weave White Color Tarps Pvc Vinyl Tent

Our Product Introduction

Basic Information

- Place of Origin: Guangdong
- Brand Name: Tendars
- Certification: ISO9001, SGS, Coc, CE
- Model Number: Truss Frame
- Minimum Order Quantity: 25 square meters
- Price: Reconsideration
- Packaging Details: 1, The aluminium frame structure packed into the bubble film 2, the pvc fabric roof cover and sidewalls are packed into the PVC fabric carry bag; 3, Hardware packed into the box.
- Delivery Time: 18days or To be negotiated
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 50000 Square Meters per Month



Product Specification

- Product Name: Shade Membrane Structure
- Type: Tarpaulin
- Technics: Woven
- Style: Plain
- Application: Tent/Shade/Membrane Structure
- Coating: PVC Coated
- Color: Customized Color
- Surface: Glossy
- Treatment: Anti-UV/Anti-Bacteria/FR/Lacquer
- Delivery Time: 30 Working Days
- Highlight: Heavy Duty Shade Membrane Structure, White Color Shade Membrane Structure, Pvc Vinyl Shade Membrane Structure



More Images



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Product Description

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Here's an overview of the product technology involved in shade membrane structures:

Fabric Materials:

High-Performance Membranes: Shade membrane structures use specially engineered fabrics such as PVC-coated polyester, PTFE (polytetrafluoroethylene) coated fiberglass, ETFE (ethylene tetrafluoroethylene), or HDPE (high-density polyethylene) woven fabrics.

UV Resistance: These fabrics are treated to resist UV degradation, ensuring long-term durability and protection against sunlight exposure.

Weather Resistance: Designed to be waterproof, resistant to mold and mildew, and capable of withstanding extreme weather conditions including wind, rain, and snow.

Tensile Architecture Design:

Tensioned Membrane: The fabric membrane is tensioned over a supporting framework (usually steel or aluminum) to create a stable and taut structure.

Pre-Stress Technology: Utilizes pre-stressing techniques to achieve optimal tension levels in the fabric, ensuring uniformity and stability across the membrane surface.

Structural Framework:

Support System: Typically consists of steel cables, masts, and/or trusses that provide structural support and distribute loads evenly across the membrane.

Lightweight Construction: Despite their size, shade membrane structures are lightweight compared to traditional building materials, reducing foundation requirements and construction costs.

Computer-Aided Design (CAD) and Engineering:

Digital Modeling: Design and engineering of shade membrane structures often involve sophisticated CAD software to model complex geometries and analyze structural performance.

Finite Element Analysis (FEA): FEA is used to simulate and optimize the structural behavior of the membrane under various loads and environmental conditions, ensuring safety and reliability.

Fabrication and Installation:

Precision Fabrication: Fabric membranes are precision-cut and welded/seamed in controlled environments to ensure quality and consistency.

Site-Specific Installation: Installation involves careful coordination of fabric tensioning, framework assembly, and anchoring systems to achieve the desired architectural form and function.

Product Description:

Plastic Modling Type	Stamping
Processing Service	Moulding, Cutting
Product name	PVC Ventilation Duct
Material	PVC
Colors	Customized Colors
Application	Industrial
Processing Service	Cutting

FQA:

Q1: Are you a manufactuer or trading company?

A: We are a manufacturer and we have built up our company more than 10 years.

Q3: What are your main products?

A: Membrane structure, Tent etc.

Q4: What's the MOQ for your production?

A: MOQ 100 meters.

Q5: What's your payment term?

A: 30% as deposit by T/T, 70% paid against B/L copy.

Q6: What about the lead time for mass production?

A: Within 25-30 working days after receiving the 30% deposit.

Q7: Where is your loading port?

A: Guangzhou.

Q8:How your quality guarantee?

We have 100% quality guarantee to customers. We will be responsible for any quality problem.

Q9: Does your product have warranty service? How long is the warranty period?

A: After-sales service team, any problem, contact us for solution.



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