



Extra Thick 950gsm PVC Heavy Duty Party Marquee Tent with 6061-T6 Aluminum Alloy Frame and 85 km/h Wind Resistance

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: ISO 9001:2015, CE, SGS
- Model Number: Tendars
- Minimum Order Quantity: 100sqm
- Price: \$35/sqm
- Packaging Details: Steel frame wrapped in foam and PE film, PVC cover folded in waterproof bag, export-grade wooden pallet
- Delivery Time: 10-25 working days for heavy duty orders
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 200 Sets per Month



Product Specification

- Cover Material: 950gsm PVC Laminated Polyester
- Frame Construction: 6061-T6 Aluminum Alloy Hard Anodized
- Eave Height: 2.5m – 3.5m
- Wind Resistance: 85 Km/h
- Ridge Height: 3.5m – 5.0m
- Snow Load: 0.35 KN/m²
- Highlight: **950gsm PVC Heavy Duty Tent, Extra Thick Cover Party Marquee, UV Resistant Waterproof Construction**

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Product Description

Extra Thick 950gsm PVC Heavy Duty Construction Party Marquee Tent Aluminum Frame UV Resistant Waterproof Cover

Extra Thick 950gsm PVC Construction Party Marquee Tent

Our premium heavy duty construction party marquee tent is engineered to deliver exceptional structural integrity and long-term reliability. Built with 6061-T6 aluminum alloy hard anodized and 950gsm PVC laminated polyester, this tent is designed to withstand demanding environmental conditions while providing spacious, weather-protected event space.

Heavy Duty Construction Features

Robust Frame Construction: 6061-T6 Aluminum Alloy Hard Anodized provides superior strength-to-weight ratio and excellent corrosion resistance

Premium Cover Material: 950gsm PVC Laminated Polyester with double-stitched seams, welded joints, and reinforced stress points

Wind Resistance: Engineered and tested to withstand wind speeds of up to 85 km/h with proper anchoring

Snow Load Capacity: Structural design rated for 0.35 kN/m² snow load accumulation

Modular Bay System: Width range 4m - 12m, length extendable 3m - 25m in 3m increments

Professional Engineering: Each structure undergoes computational structural analysis for your specific site conditions

Hot-Dip Galvanized Connectors: All steel connectors and fasteners are hot-dip galvanized to prevent rust

Reinforced Eaves and Ridges: Additional bracing at all critical load transfer points

Heavy Duty Construction Standards

Material Selection: Only certified structural-grade aluminum alloy and galvanized steel with full material traceability

Weld Inspection: All welded joints undergo visual and dimensional inspection per ISO 3834 standards

Load Testing: Frame assemblies are subjected to static load testing at 1.5x design load

Cover Testing: PVC fabric tested for tensile strength, tear resistance, and UV aging per ISO 1421

Pre-Delivery Assembly: Complete trial assembly in factory to verify fit, alignment, and structural integrity

Quality Documentation: Mill certificates, test reports, and inspection records provided with each order

Applications

Ideal for outdoor weddings, corporate events, trade exhibitions, music festivals, temporary warehousing, disaster relief shelters, and sports facilities requiring heavy duty structural performance and extended service life.

Technical Specifications

Frame Construction	6061-T6 Aluminum Alloy Hard Anodized
Cover Material	950gsm PVC Laminated Polyester
Width Range	4m - 12m
Length Range	3m - 25m
Eave Height	2.5m - 3.5m
Ridge Height	3.5m - 5.0m
Wind Resistance	Up to 85 km/h
Snow Load	0.35 kN/m ²

Contact our engineering team for site-specific structural calculations and heavy duty construction specifications.



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