



Coastal Heavy Duty Party Marquee Tent with Marine Grade 6061-T6 Aluminum Alloy Frame and 850gsm PVC Anti-Mildew Treated Cover for 100 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



Coastal Heavy Duty Party Marquee

Product Specification

- Cover Material: 850gsm PVC Anti-Mildew Treated Polyester
- Eave Height: 2.5m – 3.5m
- Corrosion Resistance: Salt Spray Test 1000+ Hours
- Width Range: 4m – 12m Configurable
- Frame Construction: Marine Grade 6061-T6 Aluminum Alloy
- Wind Resistance: 100 Km/h
- Highlight: **Corrosion Resistant Coastal Party Tent, Marine Grade Aluminum Frame Construction, 850gsm PVC Heavy Duty Marquee**

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Product Description

Coastal Corrosion Resistant Heavy Duty Construction Party Marquee Tent Marine Grade Aluminum Frame 850gsm PVC

Coastal Corrosion Resistant 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 marine grade 6061-T6 aluminum alloy and 850gsm PVC anti-mildew treated fabric, this tent is designed to withstand demanding environmental conditions while providing spacious, weather-protected event space.

Heavy Duty Construction Features

- Robust Frame Construction:** Marine Grade 6061-T6 Aluminum Alloy provides superior strength-to-weight ratio and excellent corrosion resistance
- Premium Cover Material:** 850gsm PVC Anti-Mildew Treated with double-stitched seams, welded joints, and reinforced stress points
- Wind Resistance:** Engineered and tested to withstand wind speeds of up to 100 km/h with proper anchoring
- Snow Load Capacity:** Structural design rated for 0.3 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

Our heavy duty tent construction adheres to rigorous engineering 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 ISO9001 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 9001
- 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	Marine Grade 6061-T6 Aluminum Alloy
Cover Material	850gsm PVC Anti-Mildew Treated 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 100 km/h
Snow Load	0.3 kN/m ²


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



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