



Aluminum Alloy Clear-Span Party Marquee Tents Frame PVC Coated Roof Canopy Structure

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: TENDARS
- Certification: ISO 9001:2015, DIN4102 B1, TUV Certified
- Model Number: PM-M-16x30m
- Minimum Order Quantity: 1 Set
- Price: USD 75-170 / Square Meter
- Packaging Details: PVC fabric folded in heavy-duty woven bags, aluminum profiles bundled with protective film, packed in export-grade plywood crates
- Delivery Time: 7-15 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 10000 Square Meters per Month



Product Specification

- Length: 30m
- Snow Load: 0.5 KN/m²
- Eave Height: 4.0m
- Bay Distance: 5m
- Ridge Height: 6.5m
- Temperature Range: -30°C To +70°C
- Highlight: **Semi Permanent Outdoor Structure, Corrosion Resistant Aluminum Frame, ISO 9001 2015 Quality System**



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Product Description

16x30m Sandwich Panel Wall M Series Clear Span Marquee Party Tent Insulated Sandwich Panel Outdoor Wedding Reception

16x30m Sandwich Panel Wall M Series Clear Span A-Frame Marquee Party Tent

This **16x30m** sandwich panel wall M series clear span A-frame marquee tent is professionally engineered for outdoor wedding reception and outdoor celebrations. Designed with a clear span structure that eliminates interior support poles, it provides an unobstructed event space ideal for seating up to **480 guests**.

Premium Frame Construction

The frame is manufactured from **6061/T6 hard pressed extruded aluminum alloy** with anodized anti-rust surface treatment, ensuring exceptional structural integrity and a service life exceeding 20 years. All aluminum profiles are precision-cut using advanced CNC machinery with tight tolerance control ($\pm 0.2\text{mm}$), guaranteeing seamless assembly and reliable performance under demanding conditions.

Weather-Resistant Roof Cover

The roof features **850g/m² double PVC-coated polyester fabric** with UV-stabilized acrylic surface treatment. This high-performance material delivers superior waterproofing, UV resistance, and flame retardancy certified to **DIN4102 B1 / M2** standards. The fabric withstands temperatures from -30°C to $+70^{\circ}\text{C}$, making it suitable for year-round deployment across diverse climate zones.

Sandwich Panel Wall Configuration

This model features thermal sandwich panel walls, providing an elegant appearance and enhanced functionality for outdoor wedding reception. The 4.0m eave height with 6.5m ridge height creates a spacious, airy interior atmosphere perfect for high-end events.

Key Technical Specifications

Parameter	Specification
Frame Material	6061/T6 Hard Pressed Extruded Aluminum Alloy
Surface Treatment	Anodized Anti-Rust (Silver/Black/Custom)
Roof Cover	850g/m ² Double PVC Coated Polyester, UV Stabilized
Span Width	16m
Length	30m (Modular, Expandable)
Eave Height	4.0m
Wind Load Rating	100 km/h (EN 13782)
Snow Load Capacity	0.5 kN/m ²
Fire Certification	DIN4102 B1 / M2
Temperature Range	-30°C to $+70^{\circ}\text{C}$
Seating Capacity	Up to 480 guests

Modular & Expandable Design

The modular bay system (5m standard bay distance) allows the tent length to be extended indefinitely. Multiple units can be combined side-by-side for extra-wide configurations, making this an infinitely scalable solution for events of any scale.

Rapid Installation

Certified installation crews can complete setup of this 16x30m structure within **1-2 working days**, significantly faster than permanent construction. The modular bolt-together design requires no heavy machinery, and the entire system can be disassembled, transported, and re-erected at different venues repeatedly.

Certifications & Quality Assurance

ISO 9001:2015 Quality Management System Certified
TUV Structural Load Testing Passed
DIN4102 B1 / M2 Flame Retardant Certification
EN 13782 Wind Load Standard Compliant
Full pre-assembly inspection before shipment
Unique batch traceability system for all aluminum profiles

Customization Options


We offer comprehensive OEM/ODM services including custom sizes, colors (frame and fabric), logo printing on PVC covers, and tailored accessory packages to match your brand requirements.



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