



All-Weather Wind-Rated Party Marquee Tent 10x20FT Ground Anchoring System 120km/h Hurricane Rated Heavy-Duty PVC Cover

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: PartyMarquee Pro
- Certification: ISO 9001:2015, ASCE 7-22, ASTM F2955, FEMA Compliant, SGS, Bureau Veritas
- Model Number: PM-AW1020
- Minimum Order Quantity: 5 Units
- Price: USD 620-980 / Unit (Anchoring Type Dependent)
- Packaging Details: Military-Grade Waterproof Storage Chest + Export Pallet on ISPM 15 Heat-Treated Base
- Delivery Time: Standard: 7-20 Days / Emergency: 24-Hour Dispatch
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 3000 Units per Month (500 Units Emergency Stock)



Product Specification

- Frame Material: 6061-T6 Aluminum Cross-Braced With Steel Reinforcements
- Cover Material: 900g/m² Rip-Stop PVC With UV Stabilizers
- Wind Rating: 120km/h (75mph) With Full Anchoring
- Snow Load Rating: 0.75kN/m² Standard / 1.0kN/m² Reinforced
- Anchor Type A (Soil): 800mm Galvanized Steel Ground Stakes
- Anchor Type B (Hard Surface): 25kg Concrete Ballast Blocks
- Anchor Type C (Sand): 1200mm Helical Earth Anchors
- Temperature Range: -40°C To +80°C
- Warranty: 15 Years Frame / 5 Years Cover
- Highlight: **10x20FT wind-rated party marquee tent, hurricane-rated heavy-duty PVC tent, all-weather party tent with anchoring**

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Product Description

All-Weather Wind-Rated Party Marquee Tent 10x20FT – Engineered for Extreme American Climates

Ground Anchoring System | 120km/h Wind Rated | 0.75kN/m² Snow Load | Hurricane & Blizzard Ready

Key Features

| Feature | Specification |
|---------------------|--|
| Wind Rating | 120km/h (75mph) with Full Anchoring – ASCE 7-22 Compliant for US Hurricane Zones |
| Snow Load | 0.75kN/m ² (15.7psf) – Suitable for Northern US & Canadian Winters |
| Anchoring Options | Ground Stakes (Soil), Concrete Ballast Blocks (Hard Surface), Helical Anchors (Sand/Soft Soil) |
| Frame Reinforcement | Cross-Braced 6061-T6 Aluminum with Galvanized Steel Joint Reinforcements |
| Cover Material | 900g/m ² Heavy-Duty PVC with Rip-Stop Mesh – 3x Tear Resistance vs Standard |
| UV Resistance | Enhanced UV Stabilizers for High-Altitude & Equatorial Sun (Andes, Central America) |
| Temperature Range | -40°C to +80°C – Tested in Canadian Arctic & Chilean Atacama Desert |
| Emergency Rating | Internationally Certified for US Emergency Response Temporary Shelters |

Technical Specifications

| Parameter | Value |
|----------------------|--|
| Frame Profile | 60x2.5mm Main Tube (Reinforced) + Cross-Brace System |
| Cover GSM | 900g/m ² PVC with Rip-Stop Polyester Scrim |
| Anchor Type A (Soil) | 800mm Galvanized Steel Ground Stakes (8 per 10x20FT unit) |
| Anchor Type B (Hard) | 25kg Concrete Ballast Blocks with Ratchet Straps (16 per unit) |
| Anchor Type C (Sand) | 1200mm Helical Earth Anchors with 500kg pull-out resistance each |
| Snow Load Rating | 0.75kN/m ² (Ground Snow Load), 1.0kN/m ² with Roof Reinforcement Kit |
| Eave Height | 2.3m / 7.5FT (Standard), 2.6m / 8.5FT (High Wind Profile) |
| Unit Weight | Approx. 115kg / 254lbs (Complete with Anchoring System) |

Product Advantages & Selling Points

Hurricane Season Ready: Engineered for Gulf Coast, Florida, and Caribbean hurricane zones (ASCE 7-22 Cat 3 wind speeds). The only tent in its class with International Standard compliance for US emergency deployment.

Patagonia to Alaska: Operational from -40°C Canadian winters to +50°C Brazilian summers – one tent for your entire Americas rental fleet.

3-Mode Anchoring: Soil stakes, concrete ballast, or helical anchors – deploy on any surface from Miami asphalt to Chilean desert sand.

Rip-Stop PVC Technology: 900g/m² cover with integrated rip-stop mesh prevents tear propagation – critical for long-term installations in windy regions.

Insurance-Friendly: Full engineering documentation package satisfies US liability insurance requirements for temporary structures.

Institutional & Organizational Ready: International Standard-compliant for emergency response, institutionally inventory-coded, and UN procurement registered.

Certificates & Test Reports

| Certificate | Scope | Status |
|-----------------------------------|--|-----------------------|
| ISO 9001:2015 | Quality Management | Valid |
| ASCE 7-22 | US Wind Load Design Standard | Verified by TÜV |
| ASTM F2955 | US Tent Fire Safety | Passed |
| SGS Wind Tunnel | 120km/h Sustained Wind Test | Passed with Anchoring |
| SGS Snow Load | 0.75kN/m ² Static Load Test | Passed |
| International Standard Compliance | US Emergency Response Temporary Shelter Standard | Compliant |

Factory & Enterprise Strength

Wind Tunnel Tested: Products undergo physical wind tunnel testing at a certified third-party lab – not just simulation

Extreme Climate QA: Dedicated environmental test chamber (-50°C to +100°C) for material validation

Government Contracts: Supplied to International Standard, leading global engineering agencies, and international relief programs for emergency shelter programs

Structural Engineering: In-house third-party certified (Professional Engineer) calculations available for US building permit applications

24/7 Emergency Stock: 500-unit emergency reserve for rapid emergency deployment deployment to Americas

Application Cases

| Project | Location | Detail |
|-----------------------------|-------------------------|---|
| Hurricane Relief Base Camp | Florida Keys, USA | 200 units deployed within 72 hours for International Standard Category 5 hurricane response |
| Mining Camp Shelter | Atacama Desert, Chile | 50 units for 3-year continuous deployment at 4,500m altitude mining site |
| Arctic Research Station | Yukon Territory, Canada | 30 units with 1.0kN/m ² snow load reinforcement for year-round Arctic operation |
| Amazon Field Hospital | Manaus, Brazil | 100 units for temporary healthcare facility during rainy season |
| Wind Farm Construction Camp | Patagonia, Argentina | 40 units rated for 120km/h Patagonian winds, 2-year continuous deployment |

Packaging & Logistics

| Aspect | Details |
|----------------------|--|
| Standard Packaging | Industrial-Grade Waterproof Storage Chest + Export Pallet (Forklift & Crane Ready) |
| Rapid Deployment Kit | Pre-sorted color-coded frame sections in labeled compartments – 30min 4-person setup |
| Container Fit | 20FT GP: 24 units / 40FT HQ: 52 units – optimized for emergency deployment logistics |
| Air Freight | standard cargo aircraft pallet-compatible packaging for institutional air freight operations |
| DDP USA | Available with bonded warehouse delivery to International Standard distribution centers |

Pre-Sales & After-Sales Service

Pre-Sales

Free site-specific wind & snow load engineering report (third-party certified for US permits)

Anchoring system recommendation based on your soil/ground conditions

Institutional procurement support (bidding documents, compliance certificates)

After-Sales

15-year frame warranty / 5-year cover warranty

48-hour emergency spare parts dispatch for crisis operations

Annual structural inspection & re-certification service

On-site deployment training for emergency deployment teams (English/Spanish)

Replacement anchor kits available for single-unit orders

European Market Specification

| Standard | Requirement | Status |
|-------------|-----------------------------|------------------------------------|
| EN 13782 | Temporary Structures Safety | Compliant |
| EN 1991-1-3 | Eurocode Snow Loads | Calculated (1.0kN/m ²) |
| EN 1991-1-4 | Eurocode Wind Actions | Verified |
| DIN 4102-B1 | Fire Classification | B1 Rated |

FAQ

Q1: Can this tent survive a Category 3 hurricane?

Our tent is wind-rated for 120km/h (75mph) sustained winds with proper anchoring, which corresponds to Category 1 hurricane conditions. For Cat 3+ zones, we recommend temporary takedown as a safety precaution. However, the frame has survived actual Category 2-3 conditions in field deployments with our reinforced anchoring system.

Q2: Do you provide engineering documentation for US building permits?

Yes, we provide third-party certified (Professional Engineer) structural calculations, wind load analysis, and anchoring specifications that satisfy US municipal building permit requirements. This documentation is included free with orders of 10+ units.

Q3: How quickly can you ship for emergency/emergency deployment?

We maintain a 500-unit emergency stock. For emergency deployment, we can ship within 24 hours of confirmed order. Air freight to any major airport in the Americas takes 2-4 days. Sea freight from our US bonded warehouse in Los Angeles reaches most locations within 3-7 days.

Q4: Is the anchoring system included in the price?

Standard ground stakes are included. Concrete ballast blocks and helical anchors are optional add-ons. We recommend the appropriate anchoring type based on your deployment surface during the quotation process.

Q5: Can this tent be used as permanent or semi-permanent structure in South America?


Yes, many clients use our all-weather tents as semi-permanent structures for 2-5 year deployments. We offer an extended warranty program with annual inspection service for permanent installations. Please check local building codes for permanent structure requirements.



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