



EVENTDOMES
PACIFIC DOMES

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tenteventTM
TENT ARCHITECTURE

If the information provided in the following slides is of any interest to you, do not hesitate to contact:

Alina Banescu - +40 722.311.878 (RO)
alina@tentevent.ro

Oliver Perkins - +40 723.380.092 (EN)
oliver@tentevent.ro



EVENTDOMES

PACIFIC DOMES

Geodesic Architecture

Pacific Domes has been perfecting the function and beauty of its portable geodesic domes since 1980. The company combines the synergistic geometry of R. Buckminster Fuller with their progressively designed covers to bring you these futuristic structures. Event domes allow expansive interior spaces without any support poles to obstruct the layout. Domes are nature's perfect structure and provide a unique environment for every use.



Dome Covers



OUTDOOR EVENT FABRICS

Event Lite: Our Event Lite fabric is lightweight for ease of setup and it's perfect for digital projections. Logos and branding can be applied and the entire cover can be printed as well. This translucent fabric allows images to be seen both inside and outside the dome. Event Lite is 100% coated polyester, and weighs 7 oz. per sq. yard. It is flame resistant and water/mildew resistant. Event Lite covers are available in many colors.

Event Vinyl: Our Event Vinyl fabric is extremely durable and perfect for long term outdoor events. Logos and branding can be applied to it as well. It is available in Blackout for daytime projection or controlled lighting needs. Event Vinyl is vinyl coated polyester and weighs 17 oz. per sq. yard. It is flame resistant and water/mildew/UV resistant. Event Vinyl covers are available in many colors. Blackout Vinyl covers have limited color options.

Projection Day & Night

Our Event Lite and Stretch Lite fabrics are ideal for projection and lighting. For nighttime projection, these translucent covers allow images to be seen both inside and outside the dome. For daytime events that require interior projection, we offer Blackout Vinyl and Theatre Fabric covers.

Our sister company *Obscura Digital* is a world leader in immersive video projection and content creation. Their professional staff can help you with all of your media and projection needs. www.obscuradigital.com

INDOOR EVENT FABRICS

Stretch Lite: Our opalescent Stretch Lite fabric is beautiful for indoor events and fits the dome frame like a glove. It's perfect for digital projections. The translucent quality of the lighter colors allows images to be seen both inside and outside the dome. It is made from a Lycra® blend and weighs 5 oz. per sq. yard. Stretch Lite is flame resistant and is available in many colors.

Theatre Fabric: Our Theatre Fabric, for indoor theatres, will satisfy interior daytime projection requirements. It can be either 100% cotton or 100% polyester; both weigh 18 oz. per sq. yard. Theatre Fabric is flame resistant and available in black only.



Virgin Mobile Festival - Baltimore, Maryland

Branding



VINYL GRAPHICS

The dome's exterior is highly visible and therefore offers excellent branding opportunities. Logos and graphics can be printed on high performance vinyl appliques for temporary or event specific use. These appliques are compatible with both our Event Lite and Event Vinyl covers. They are easy to apply and can simply be removed from the dome when desired. Appliques are a good choice for marketers when flexibility is needed. Messages that are displayed on the dome's cover can be changed with relative ease.

Custom Service

Pacific Domes will embrace your project with attention and consideration. From design concept to execution, we will work with you to create a one-of-a-kind environment. With an array of dome sizes up to 120 feet in diameter, we can fulfill your custom needs.



MotoGP - Monterey, California

Printed covers



CUSTOM PRINTING

Pacific Domes specializes in producing custom-made covers that are fully printed. Our digital printing utilizes a dye sublimation process which transfers high resolution images directly to the fabric. This method allows us to create one-of-a-kind dome covers that feature our clients' artwork, graphics, logos and branding. Because domes capture attention from every angle, printed covers are a unique way for advertisers to get their message out in front of consumers. The exterior visibility of the dome's cover offers high-impact marketing opportunities that stand out from the crowd. The dome also serves as a giant canvas for those who love to paint their own creative artwork.

Visually compelling

Our event domes provide a visually striking alternative to conventional square tents, which is why they are often sought out by marketing agencies and event planners. They have become very popular for experiential and mobile marketing campaigns because they offer solutions that transcend the ordinary.

*“People should think things out fresh
and not just accept conventional terms
and the conventional way of doing things.”*

- R. Buckminster Fuller



Dell Summer Rocks Tour - Baltimore, Maryland

Dome Specs



DIMENSIONS

16 ft (5m) Dome

Diameter at Base: 16 ft (5m)
Ceiling Height: 11.75 ft (3.6m)
Floor Space: 195 sq ft (18m²)
Assembly Time: 2 hrs/crew of 2

36 ft (11m) Dome

Diameter at Base: 36 ft (11m)
Ceiling Height: 20 ft (6m)
Floor Space: 1,018 sq ft (95m²)
Assembly Time: 10 hrs/crew of 3 or 4

90 ft (27m) Dome

Diameter at Base: 90 ft (27m)
Ceiling Height: 45 ft (13.7m)
Floor Space: 6,340 sq ft (589m²)
Assembly Time: 18 hrs/crew of 10

20 ft (6m) Dome

Diameter at Base: 20 ft (6m)
Ceiling Height: 12 ft (3.7m)
Floor Space: 296 sq ft (27m²)
Assembly Time: 4 hrs/crew of 2

44 ft (13m) Dome

Diameter at Base: 44 ft (13m)
Ceiling Height: 22 ft (6.7m)
Floor Space: 1,520 sq ft (141m²)
Assembly Time: 12 hrs/crew of 3 or 4

120 ft (37m) Dome

Diameter at Base: 120 ft (37m)
Ceiling Height: 60 ft (18m)
Floor Space: 10,455 sq ft (3,187m²)
Assembly Time: 35 hrs/crew of 12

24 ft (7m) Dome

Diameter at Base: 24 ft (7m)
Ceiling Height: 14.25 ft (4.3m)
Floor Space: 426 sq ft (40m²)
Assembly Time: 5 hrs/crew of 2

60 ft (18m) Dome

Diameter at Base: 60 ft (18m)
Ceiling Height: 30 ft (9m)
Floor Space: 2,800 sq ft (260m²)
Assembly Time: 14 hrs/crew of 4

30 ft (9m) Dome

Diameter at Base: 30 ft (9m)
Ceiling Height: 15 ft (4.6m)
Floor Space: 695 sq ft (65m²)
Assembly Time: 7 hrs/crew of 3

70 ft (21m) Dome

Diameter at Base: 70 ft (21m)
Ceiling Height: 35.3 ft (10.8m)
Floor Space: 3,926 sq ft (365m²)
Assembly Time: 16 hrs/crew of 5

Custom Designs

Our sales team and design department can work with you to develop customized products and configurations that will suit your particular needs.



Launch Party for Trump International Hotel & Tower - New York City

Environments



INTERIOR FREEDOM

The entire interior space is open to your creativity. Our domes are free-standing, no support poles to obstruct your valuable layout. The geodesic design of our framework is extremely strong and can support lighting and sound equipment, as well as your favorite art or advertisements. Our staff will collaborate with your in-house lighting and interior designers. The possibilities are endless.



SEATING

16 ft (5m) Dome

Standing: 27 people
Row Seating: 14-16 people
Buffet: 10-12 people
Round Tables: 8 people

20 ft (6m) Dome

Standing: 42 people
Row Seating: 25 people
Buffet: 20 people
Round Tables: 20 people

24 ft (7m) Dome

Standing: 60 people
Row Seating: 45 people
Buffet: 40 people
Round Tables: 35 people

30 ft (9m) Dome

Standing: 99 people
Row Seating: 65 people
Buffet: 50 people
Round Tables: 50 people

36 ft (11m) Dome

Standing: 145 people
Row Seating: 125 people
Buffet: 100 people
Round Tables: 75 people

44 ft (13m) Dome

Standing: 217 people
Row Seating: 140 people
Buffet: 125 people
Round Tables: 100 people

60 ft (18m) Dome

Standing: 400 people
Row Seating: 225 people
Buffet: 200 people
Round Tables: 200 people

70 ft (21m) Dome

Standing: 560 people
Row Seating: 400 people
Buffet: 300 people
Round Tables: 250 people

90 ft (27m) Dome

Standing: 912 people
Row Seating: 700 people
Buffet: 600 people
Round Tables: 500 people

120 ft (37m) Dome

Standing: 1,800 people
Row Seating: 1,400 people
Buffet: 1,200 people
Round Tables: 1,000 people



Google Zeitgeist Event - Mountain View, California

Geodesic Design



Portability: Our event dome frames pack down into small bundles that are easy to ship and handle. All domes come with illustrations and instructions for easy frame assembly. Our professional staff can provide on site training.

Anchoring: Pacific Domes will supply the appropriate anchors to secure the dome frame to a deck, asphalt, concrete or earth.

Powder Coating: We offer powder coating as an option. It's a quality, colorful finish that can be applied to the frame. There are many colors to choose from and the coating will not fade.

WEIGHTS

The weights shown below are based on our calculations. They are not actual shipping weights. Please refer to them as a guide only.

16 ft (5m) Dome

Frequency: 2 (1/2 sphere)
0.92" Frame Weight: 200 lbs (91 kg)
Approx. Cover Weight: 160 lbs (73 kg)

20 ft (6m) Dome

Frequency: 3 (5/8 sphere)
0.92" Frame Weight: 316 lbs (143 kg)
Approx. Cover Weight: 180 lbs (82 kg)

24 ft (7m) Dome

Frequency: 3 (5/8 sphere)
0.92" Frame Weight: 374 lbs (170 kg)
Approx. Cover Weight: 200 lbs (91 kg)

30 ft (9m) Dome

Frequency: 4 (1/2 sphere)
0.92" Frame Weight: 535 lbs (243 kg)
Approx. Cover Weight: 300 lbs (136 kg)

36 ft (11m) Dome

Frequency: 5 (5/9 sphere)
0.92" Frame Weight: 869 lbs (394 kg)
Approx. Cover Weight: 550 lbs (249 kg)

44 ft (13m) Dome

Frequency: 6 (1/2 sphere)
0.92" Frame Weight: 1,166 lbs (529 kg)
Approx. Cover Weight: 800 lbs (363 kg)

60 ft (18m) Dome

Frequency: 6 (1/2 sphere)
1.31" Frame Weight: 2,944 lbs (1,335 kg)
Approx. Cover Weight: 900 lbs (408 kg)

70 ft (21m) Dome

Frequency: 6 (1/2 sphere)
1.9" Frame Weight: 4,983 lbs (2,260 kg)
Approx. Cover Weight: 1,000 lbs (454 kg)

90 ft (27m) Dome

Frequency: 6 (1/2 sphere)
2.875" Frame Weight: 17,030 lbs (7,725 kg)
Approx. Cover Weight: 1,600 lbs (726 kg)

120 ft (37m) Dome

Frequency: 8 (1/2 sphere)
4" Frame Weight: 46,000 lbs (20,866 kg)
Approx. Cover Weight: 3,000 lbs (1,361 kg)

Sturdy Frames

The synergetic geodesic design of our galvanized steel framework is extremely strong and can support most lighting and sound equipment, as well as your client's favorite art or advertisements. Our team will collaborate with your in-house music, lighting and interior design crews to determine the necessary size tubing.



Sapporo Jazz Festival (90 ft. Dome Build) - Sapporo, Japan

Optional Features



Windows and Skylights

Pacific Domes offers **bay windows** and **skylight roofs**. These options can be added to your dome for providing views or for allowing more natural light in. We also offer **portal windows**, which are small and round, that can be removed or replaced with screens for ventilation.

Event Dome Ventilation

Event domes can be used during all types of weather conditions. Pacific Domes can provide **heating or air-conditioning** as needed for your event. Our domes are equipped with openings for HVAC units. We also offer optional **solar fans**, that are environmentally friendly and powered by the sun, to control humidity and temperature levels. The **removable roof** may be left open and the side walls, or **base flaps**, may be rolled up for fair weather events.

Event Doors

Our standard round event door, or **hoop door**, is perfect for large events. Each door includes a reinforcement hoop for structural integrity. We also offer the option to create your dome with openings that will accommodate either single or double pre-hung doors.

Event Floors

Pacific Domes can provide the appropriate flooring for your event. For permanent installations we offer a variety of deck plans.

Connecting Domes

Multiple domes can be connected to create a magnificent modular complex! You can even connect as few as just two domes together. We will connect your domes through the round event doors, using either short or long **tunnels**.



Samsung Event - Mexico

Dome Events

FILM SETS/STUDIO
FASHION SHOWS
CORPORATE PARTIES

ART SHOWS/GALLERIES
MOBILE ROAD SHOWS
SPORTING EVENTS

CATERED FUNCTIONS
WORKSHOP SPACES
PRODUCT LAUNCHES

TRADE SHOWS
CONFERENCES
THEATRES

CONCERTS
WEDDINGS
FESTIVALS

"Domes are the strongest, lightest and most efficient means of enclosing space yet known to man." - R. Buckminster Fuller.





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alina@tentevent.ro

Oliver Perkins - +40 723.380.092 (EN)
oliver@tentevent.ro