

# Hipped Fabric IHIP

New Product



Frame will be made with square or rectangular steel tube.

Hipped fabric shade shelters, in both square and rectangular shapes, bring stylish shade at affordable prices. The light weight of the fabric top permits structural simplicity allowing large areas of coverage with maximum clear interior space and minimum physical obstructions.

The hipped shaped shade shelter is the most popular shape due to the high utility to cost ratio that it provides.

Many engineered sizes are available (see table on reverse side) and custom sizes can be built to your specific requirements.

Unique to Poligon shade structures is the cantilevered eave, which extends shade coverage over the columns. Conveniently located at the eaves are the Poligon patented tensioners. These telescoping tensioners make fabric top installation and tensioning a breeze, simplifying seasonal fabric re-tensioning and removal.

Poligon shade structures are the strongest and best built in the industry. These shelters (fabric and frame) are designed to withstand winds up to 90 mph with fabric

installed. Durability of design, manufacture and finish go hand-in-hand to create a shade shelter that consistently outperforms all others. In addition to built-in quality, our attention to detail throughout the design and order process, as well as follow up customer service, are the reasons customers equate Poligon with value, durability and longevity.

Most fasteners are hidden inside the tube steel. If an application requires an exposed fastener, it will be powder coated to match the frame.

**Poligon Fabric Hipped Shade Structures are now manufactured with square and rectangular steel tube.**

**poligon**<sup>®</sup>  
FABRIC

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## FABRIC OPTIONS

### High Density Polyethylene (HDPE) Shade Fabric (standard)

- Heavy-duty professional grade architectural shade fabric
- Made from UV stabilized HDPE monofilament and tape yarns
- Specialized lock stitch knit for more air movement
- Constructed to block up to 98.8% of harmful UV sun rays
- Heat set for ease of fabrication and to limit shrinkage
- Recyclable, tear resistant and will not crack, rot or fade
- 10 year manufacturer's limited warranty against UV degradation
- Sewn together using Gore® Tenara® thread which does not deteriorate from exposure to the elements or UV radiation
- Also available with flame retardant

### Water Resistant Fabric (optional)

- Material made from a solution dyed fiber
- Outstanding mold and mildew resistance
- Printable, recyclable, UV resistant
- Meets a wide variety of fire codes for flame retardancy
- 5 year manufacturer's limited warranty against UV degradation

### Vinyl Fabric (optional)

- Year round waterproof fabric for permanent structures
- UV resistant, printable
- Meets a wide variety of fire codes for flame retardancy
- 8 year manufacturer's limited warranty against UV degradation

To view our fabric and steel color selection, visit [www.poligonfabric.com](http://www.poligonfabric.com).  
To request samples, contact us at [info@poligon.com](mailto:info@poligon.com)



## TENSIONER

On the majority of Poligon's Fabric Shelters, installation and removal of the fabric top is made easy with Poligon's patented tensioning system. Depending upon the shelter selection, a round or square tensioner may be provided at key locations to tension and tighten the fabric top to the steel frame. These devices are integrated into the structural frame and are unlike other fabric shelters that use unsightly galvanized turnbuckles or clumsy cable clamps in the hem system. Poligon makes it simple with a hex key wrench or drill. The fabric corner has a sewn in D-ring and cable in the hem that is slipped over the tensioner's stainless steel hook. The Allen (or Hex) wrench is inserted into the end of the tensioner and twisted to loosen or tighten the top. Our product features stainless steel hardware to ensure continued performance throughout the long life of a shelter.

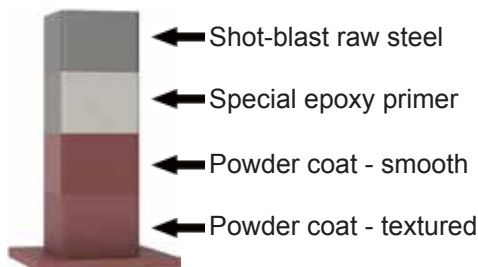
## FRAME FINISH

### Poli-5000 The most durable frame finish available

Steel is coated with a special epoxy primer powder coat base and a Super-Durable Polyester TGIC Powder top coat. This finish is designed for excellent outdoor durability and fade resistance. It is tough, resilient, and will withstand harsh environments while retaining its smooth, high-gloss finish for years to come.

### Why Poli-5000?

- Superior performance results over traditional powder coat
- Reduced overall cost and a better finish than field painting over factory applied red oxide primers
- No VOC's with Poli-5000
- More environmentally friendly than liquid paint, ecoat primer, and zinc rich primer systems
- Reliable in-house inspection of all parts
- Super Durable TGIC provides superior color and gloss retention as well as corrosion resistance over standard TGIC
- No need for clear top coats (that make touch-up blotchy) when using Super Durable TGIC
- Large offering of (24) standard smooth colors and (10) textured colors
- Poligon-5000 now meets 10,000 hour salt spray resistance under test method ASTM B117/ASTM 1654

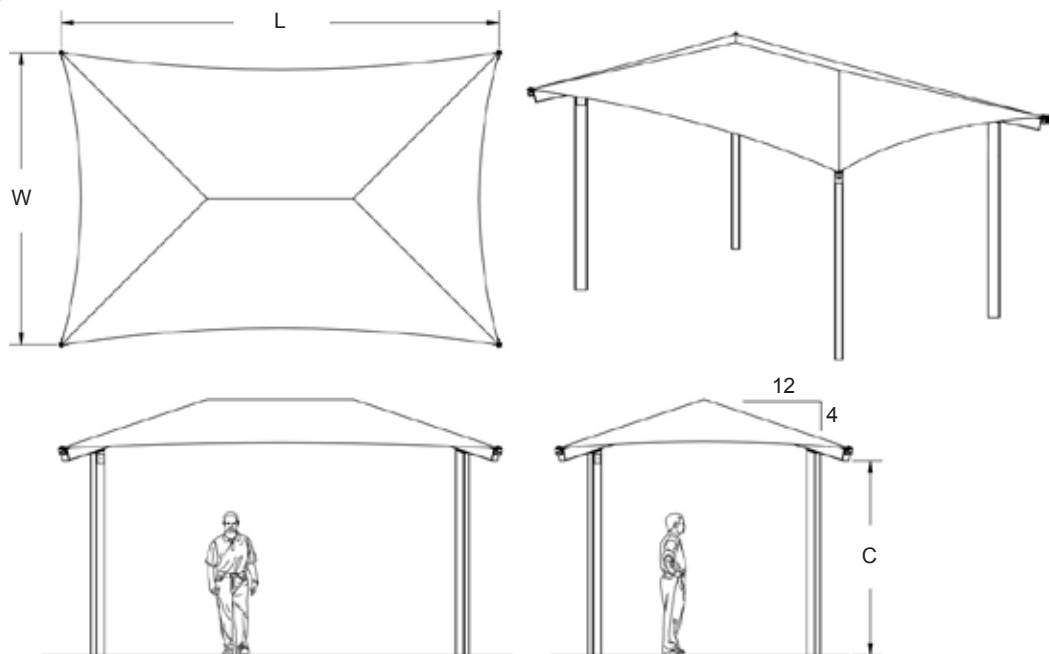


Poli-5000 is a completely in-house process, performed and overseen by Portercorp, a powder coat approved facility, and the only shelter company to be certified PCI-4000.



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# Hipped Fabric IHIP



Suggested Sizes

BIN	Width	Length	Clearance	Number of Columns
IHIP	12	18	8'-0"	4
IHIP	12	22	8'-0"	4
IHIP	16	16	8'-0"	4
IHIP	16	24	8'-0"	4
IHIP	16	34	8'-0"	4
IHIP	20	20	8'-0"	4
IHIP	20	24	8'-0"	4
IHIP	20	34	8'-0"	4
IHIP*	20	44	8'-0"	6
IHIP	24	24	10'-0"	4
IHIP	24	34	10'-0"	4
IHIP*	24	44	10'-0"	6
IHIP	30	30	10'-0"	4
IHIP	30	34	10'-0"	4
IHIP*	30	44	10'-0"	6
IHIP*	36	36	10'-0"	4
IHIP*	40	40	12'-0"	8
IHIP*	40	44	12'-0"	8
IHIP*	40	64	12'-0"	8
IHIP*	50	50	12'-0"	8
IHIP*	50	64	12'-6"	8

Additional sizes available in 1' increments

\*Available in HDPE fabric only

## Applications:

- Playground shade
- Water park shade
- Picnic shelter
- Sports shade

## Options:

- Type of fabric
- Change pitch
- Custom columns
- Change in clearance height