

# SPECIFICATION & TECHNICAL INFORMATION SHEET



PHP Item Number: PHP-D Cable Tray Support

## DESCRIPTION:

The **PHP-D Cable Tray** is designed to support cable tray, ducting, and piping at any specified height or width. The support is designed for installation without roof penetrations, flashings or damage to the roofing material. The support can be used for virtually any roofing system from flat roofs to roofs sloped up to 2 in 12. The supports should be spaced according to the specifications. Seismic and High-Wind applications are available for the system.

## INSTALLATION PROCEDURE:

1. Layout isolation pads, (provided by contractor), according to the design and layout.
2. Place bases on isolation pads.
3. Insert legs of duct support into bases and attach with 2-1/2" bolt and 1/2" nut.
4. Space out pipe supports according to specifications. This should be done before any weight is supported.
5. \*Attach horizontal bracing to legs of duct supports, (approximately 3/4" of the way up the height of the support) with 3" bolt and 1/2" nut.  
NOTE: If double or triple bracing is required, designated locations will be marked on support legs.
6. Adjust width up to bottom of ducting.
7. Make sure duct and duct supports are level, both vertically and horizontally, and proper spacing is maintained per design specifications.
8. Check that the weight of the ducting is distributed evenly throughout the system.

\*Only if bracing is required.

## STORAGE:

Store in the original, unopened containers, under cover, until needed for installation.

## LEED INFORMATION:

Frame/Steel

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 25%

## BASE MATERIAL:

Post Consumer Recycled Content: 80%

Post Industrial Recycled Content: 20%

Manufacturing Location:



PHP Cable Tray Support

## PRODUCT DATA:

### Property:

#### **Base:**

Size:

Weight:

Base Material:

Base Color:

Base Density:

### Minimum Performance:

12" x 12" x 3", 18" x 18" x 3" or 18" round

7 lbs and 10-1/2 lbs

Injection molded high density/high impact polypropylene with UV-inhibitors and Antioxidants

Black

55.8 lb/cu ft (894 kg/cu m)

### **Carbon Steel and Stainless Steel Framing:**

Channel Types:

1-5/8" or 1-7/8" as required by loading

Form:

Roll-formed 3-sided tubular shape, perforated with 9/16" holes at 1-7/8" centers on three sides

Thickness:

12 gauge (2.7 mm)

Carbon Steel Finish:

Hot Dip Galvanized per ASTM A 123

Stainless Steel Finish:

Mill Finish

### **Hardware:**

Nuts and Washers:

Hot Dip Galvanized or Stainless Steel

PHP Systems/Design  
5534 Harvey Wilson Drive  
Houston, TX 77020  
Tel: (800) 797-6585 or Local (713) 672-5088  
Fax: (713) 672-1170  
[www.phpsd.com](http://www.phpsd.com)  
[info@phpsd.com](mailto:info@phpsd.com)

This sheet is meant only to highlight PHP Systems/Design products and specifications. Information is subject to change without notice. PHP takes responsibility for furnishing quality materials, which meet published product specification. As neither PHP itself, nor its representatives practice architecture, PHP offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of structure, or its ability to support planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. PHP accepts no liability for any structural failure or for resultant damages, and no PHP Representative is authorized to vary this disclaimer.