



Strut-Based:

For strut supports with a fixed-height mounting platform with a minimum of 4" or 6" above roof and 6", 10", 16", 24", 30", 36", 42", 48" or 60" of usable strut length: nVent CADDY Pyramid: PSF6C, PSF10C, PSF16C, PSF10D, PSF16D, PSB24A, PSB30A, PSB32A, PSB36A, PSB42A, PSB48A, PSB60A

For strut supports which allow elevation change of up to 18" above roof and up to 10" or 16" of usable strut length: nVent CADDY Pyramid: PSA10CH13, PSA16AH18

Roller-Based:

For Electrical and Gas Lines 2 inches Diameter or less, up to 5.8 inches above roof: nVent CADDY Pyramid: PRF2

For Electrical and Gas Lines 3 inches Diameter or less, up to 6.25 inches above roof: nVent CADDY Pyramid: PRF3

For Electrical and Gas Lines 3 inches in Diameter or Less, up to 12 inches above roof: nVent CADDY Pyramid: PRA3H12

For Electrical and Gas Lines 6 inches Diameter or less, up to 6.25 inches above roof: nVent CADDY Pyramid: PRF6

For Electrical and Gas Lines 6 inches Diameter or less, up to 16 inches above roof: nVent CADDY Pyramid: PRA6H16

J. MATERIALS

Rooftop Supports: Engineered supports specifically designed for installation without the need for roof penetrations or flashings, and without causing damage to the roofing membrane.

Design supports using high density / high impact thermo-plastic with additives for UV protection.

Bases: Injection molded high density / high impact thermo-plastic with UV-inhibitors and anti-oxidants, conforming to the following:

Moisture Content: Negligible.

Shrinkage/Swelling Due to Moisture: Negligible.

Density: 51.8 lb/cu ft (894 kg/cu m).

Insect Resistance: No known insect damage potential.

Chemical Resistance: (oil, brake fluid, gasoline, diesel, antifreeze, battery acid, and sulfuric acid) No visual or physical change apparent.

Sized as required by loading conditions and as indicated on the drawings.

Do not use bases containing carbonated plastics, press molded recycled rubber and plastics, steel, stainless steel, or any injection molded threaded receivers.

Do not use bases having discontinuities, cutouts, or pockets on the surface contacting the roof

Do not use bases having sharp outside edges. Edges in contact with roof must be radiused.

Accessories: Clamps, bolts, nuts, washers, and other devices as required for a complete system.

Carbon Steel: Hot-dip galvanized in accordance with ASTM A 153/A 153M.



Stainless Steel: Mill finish.

K. EXECUTION

INSTALLATION

Pipe, Conduit, and Equipment Support Systems:

Locate supports as indicated on drawings and as specified herein. Provide complete and adequate support of all piping and conduit, whether or not all required devices are shown.

The use of wood for supporting piping is NOT permitted.

Provide supports spaced so deflection of piping does not exceed 1/240 of span.

Consult manufacturer of existing or new roofing system as to the type of isolation pads required between the roof and support.

Set isolation pads in adhesive if required by manufacturer's instructions.

Place supports on isolation pads as required.

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