

PRIVILEGE DUCT PINS

DATASHEET



PRIVILEGE DUCT PIN

Privilege® Pins are designed to fix insulating materials to smooth surfaces such as air ducts, attenuators, chambers, and enclosures.

Privilege® Pins comprise of an aluminum nail (copper or steel alternatives on request) firmly mounted on a galvanized steel base.

Galvanized spring steel fastening clips (locking washers) are also supplied with the hangers available in different sizes, resistant to water, detergents, alcohols, aliphatic solvents and aromatic solvents.



Insulation pins are used to mechanically fix and install insulation material that can be pierced by metal spindles. It is also referred as 'Stuck-up Pins', 'Hanger Pins' or Insulation Pins, are either weldable, or designed to be bonded with adhesive for non-welded systems. Non-weldable pins are designed with the spindle mounted to metal base. The metal base is available with a ready-to-use 'peel and stick' backing, or a perforated base to be bonded with suitable adhesive. A self-locking washer is applied over the protruding spindle to retain the insulation.

Product Features:

- Can be used to retain any type of insulation. (pierced by the pin)
- Pins available for different fixing methods: welding, self-adhesive (pressure-sensitive adhesive), or using suitable adhesive.
- One type of pin can be used to hang multiple types of insulation.
- Simple and easy to apply.
- Reduced inventory needs.
- Available in stainless steel, galvanized steel, aluminum, and mild steel copper coated.

1. PRIVILEGE® DUCT STUCK-UP PINS

These are easy to use and handle, ideal for site assembly and require no tools or machines.

Suitable for steel or other smooth surfaces which should be clean and dry, free of dust, grease, oil or any other loose matter.

Simply remove the release paper backing, place on the surface and impale the insulation over the pin. The locking washer is then pressed on to the pin to complete the final mechanical joint.



Bonding takes place immediately, but full-strength adherence is achieved after 24 hours.

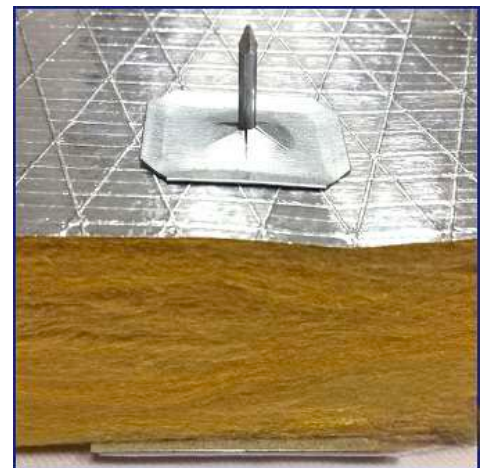
Design Specification: Privilege® Duct self-adhesive pins are designed to fix insulating materials to smooth surfaces such as air ducts, attenuators, chambers, and enclosures. Their use allows a proper quality fixture speedily and without the risk of corrosion.

The adhesive foam backing is of the highest quality and the locking washer ensure an outstanding assembly. In order to meet all requirements, we produce a wide range of pins lengths.

Fastening Washer:

Galvanized spring steel fastening clips (locking washers) are supplied with the hangers. They ensure a perfect upholding of the insulation. These clips ensure the insulation is held securely in place on the pins, acting as a locker washer.

- Galvanized steel.
- Beveled edges.



- Galvanized steel with self-adhesive base 50 mm x 50 mm & 35 mm x 35 mm.
- Zinc plated steel pins or aluminum (SS or copper on request) diameter 2.8 mm and lengths from 30 mm to 110 mm.

Standard Adhesive Foam

- White/black closed cell polyethylene foam backing.
- Acrylic adhesive coated on both sides.
- Silicon protective release paper.
- Service temperature ranging from -40° C to + 80° C (+100° C for short periods of time).
- Resistant to water, detergents, alcohols, aliphatic solvents, and some aromatic solvents.
- Not for use in application likely to contact chlorinated, ketone or ester solvents.

Steel Base: 50 mm x 50 mm (2" x 2")

Standard Packing: 500 pins & 500 washers /box

| Self-adhesive Aluminum Nail Model # | Self-adhesive Steel Nail Model # | Nail Size Inch |
|-------------------------------------|----------------------------------|----------------|
| DP2" x 1.14" | DP2" x 1.14"S | 1-1/4" |
| DP2" x 1.12" | DP2" x 1.12"S | 1-1/2" |
| DP2" x 1.34" | DP2" x 1.34"S | 1-3/4" |
| DP2" x 2" | DP2" x 2"S | 2" |
| DP2" x 2.12" | DP2" x 2.12"S | 2-1/2" |
| DP2" x 2.34" | DP2" x 2.34"S | 2-3/4" |
| DP2" x 3" | DP2" x 3"S | 3" |
| DP2" x 3.14" | DP2" x 3.14"S | 3-1/4" |
| DP2" x 3.12" | DP2" x 3.12"S | 3-1/2" |
| DP2" x 3.34" | DP2" x 3.34"S | 3-3/4" |
| DP2" x 4" | DP2" x 4"S | 4" |

Steel Base: 35 mm x 35 mm (1-3/8" x 1-3/8")

Standard Packing: 1000 pins & 1000 washers /box

| Self-adhesive Aluminum Nail Model # | Self-adhesive Steel Nail Model # | Nail Size Inch |
|-------------------------------------|----------------------------------|----------------|
| DP1.38" x 1.14" | DP1.38" x 1.14"S | 1-1/4" |
| DP1.38" x 1.12" | DP1.38" x 1.12"S | 1-1/2" |
| DP1.38" x 1.34" | DP1.38" x 1.34"S | 1-3/4" |
| DP1.38" x 2" | DP1.38" x 2"S | 2" |
| DP1.38" x 2.12" | DP1.38" x 2.12"S | 2-1/2" |
| DP1.38" x 2.34" | DP1.38" x 2.34"S | 2-3/4" |
| DP1.38" x 3" | DP1.38" x 3"S | 3" |
| DP1.38" x 3.14" | DP1.38" x 3.14"S | 3-1/4" |
| DP1.38" x 3.12" | DP1.38" x 3.12"S | 3-1/2" |
| DP1.38" x 3.34" | DP1.38" x 3.34"S | 3-3/4" |
| DP1.38" x 4" | DP1.38" x 4"S | 4" |

2. PRIVILEGE® DUCT PERFORATED PINS

Perforated Base Hangers (also known as insulation pins) are designed to fix efficiently insulation on concrete or any other rough surface.

There are a wide range of lengths available.

Perforated Base Hangers consist of an aluminum nail, galvanized steel (copper available on request) firmly mounted on a perforated galvanized steel base.

Galvanized locking washers is supplied with the hangers. They ensure a perfect upholding of the insulation.

The clips ensure that the insulation is held securely in place on the pins, acting as a locking washer.



Perforated Base Hangers:

- Galvanized steel perforated base 50 mm x 50 mm (2" x 2") and 35 mm x 35 mm (1-3/8" x 1-3/8").
- Aluminum pins diameter 2.8 mm and lengths from 30 mm to 110 mm.

Fastening Clips:

- Galvanized spring steel.
- Beveled edges.

Steel Base: 50 mm x 50 mm (2" x 2")

Standard Packing: 500 pins & 500 washers /box

| Self-adhesive Aluminum Nail Model # | Self-adhesive Steel Nail Model # | Nail Size Inch |
|-------------------------------------|----------------------------------|----------------|
| DP2" x 1.14"P | DP2" x 1.14"PS | 1-1/4" |
| DP2" x 1.12"P | DP2" x 1.12"PS | 1-1/2" |
| DP2" x 1.34"P | DP2" x 1.34"PS | 1-3/4" |
| DP2" x 2"P | DP2" x 2"PS | 2" |
| DP2" x 2.12"P | DP2" x 2.12"PS | 2-1/2" |
| DP2" x 2.34"P | DP2" x 2.34"PS | 2-3/4" |
| DP2" x 3"P | DP2" x 3"PS | 3" |
| DP2" x 3.14"P | DP2" x 3.14"PS | 3-1/4" |
| DP2" x 3.12"P | DP2" x 3.12"PS | 3-1/2" |
| DP2" x 3.34"P | DP2" x 3.34"PS | 3-3/4" |
| DP2" x 4"P | DP2" x 4"PS | 4" |

Steel Base: 35 mm x 35 mm (1-3/8" x 1-3/8")

Standard Packing: 1000 pins & 1000 washers /box

| Self-adhesive Aluminum Nail Model # | Self-adhesive Steel Nail Model # | Nail Size Inch |
|-------------------------------------|----------------------------------|----------------|
| DP1.38" x 1.14"P | DP1.38" x 1.14"PS | 1-1/4" |
| DP1.38" x 1.12"P | DP1.38" x 1.12"PS | 1-1/2" |
| DP1.38" x 1.34"P | DP1.38" x 1.34"PS | 1-3/4" |
| DP1.38" x 2"P | DP1.38" x 2"PS | 2" |
| DP1.38" x 2.12"P | DP1.38" x 2.12"PS | 2-1/2" |
| DP1.38" x 2.34"P | DP1.38" x 2.34"PS | 2-3/4" |
| DP1.38" x 3"P | DP1.38" x 3"PS | 3" |
| DP1.38" x 3.14"P | DP1.38" x 3.14"PS | 3-1/4" |
| DP1.38" x 3.12"P | DP1.38" x 3.12"PS | 3-1/2" |
| DP1.38" x 3.34"P | DP1.38" x 3.34"PS | 3-3/4" |
| DP1.38" x 4"P | DP1.38" x 4"PS | 4" |

3. PRIVILEGE® DUCT WELD PINS

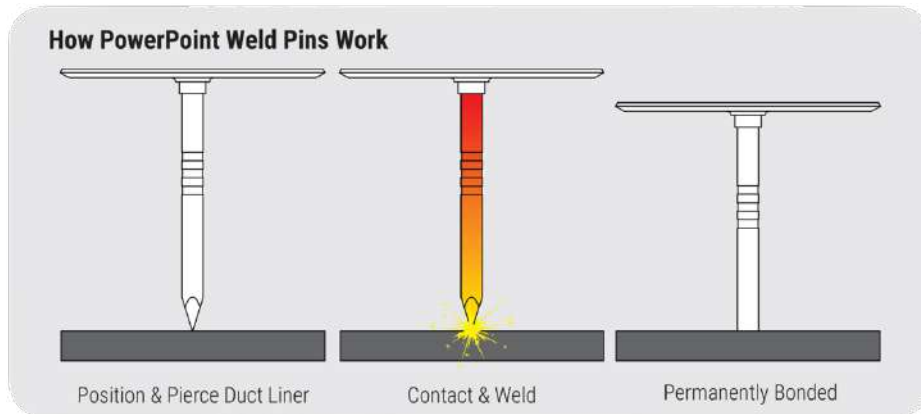


Privilege® Duct Weld Pins are used to permanently secure insulation to the sheet metal. Privilege® Duct Weld Pins are designed and manufactured to work in any standard resistance welding equipment.

Features:

- Cup head prevents linear tear.
- Superior strength.
- Faster operation.
- Unmatched product consistency.
- Fire resistance as no glue or adhesive are involved.

Process:



Packaging Details:

| S. No. | Product Name | UOM | Qty/Box |
|--------|--------------------------|-----|---------|
| 1 | Duct Weld Pin 3mm x 25mm | Box | 1,000 |
| 2 | Duct Weld Pin 3mm x 32mm | Box | 1,000 |
| 3 | Duct Weld Pin 3mm x 38mm | Box | 1,000 |
| 4 | Duct Weld Pin 3mm x 50mm | Box | 1,000 |
| 5 | Duct Weld Pin 3mm x 97mm | Box | 1,000 |



P.O. Box 515000, Sharjah Media City
Sharjah, UAE
contact@privilege-llc.com | www.privilege-llc.com