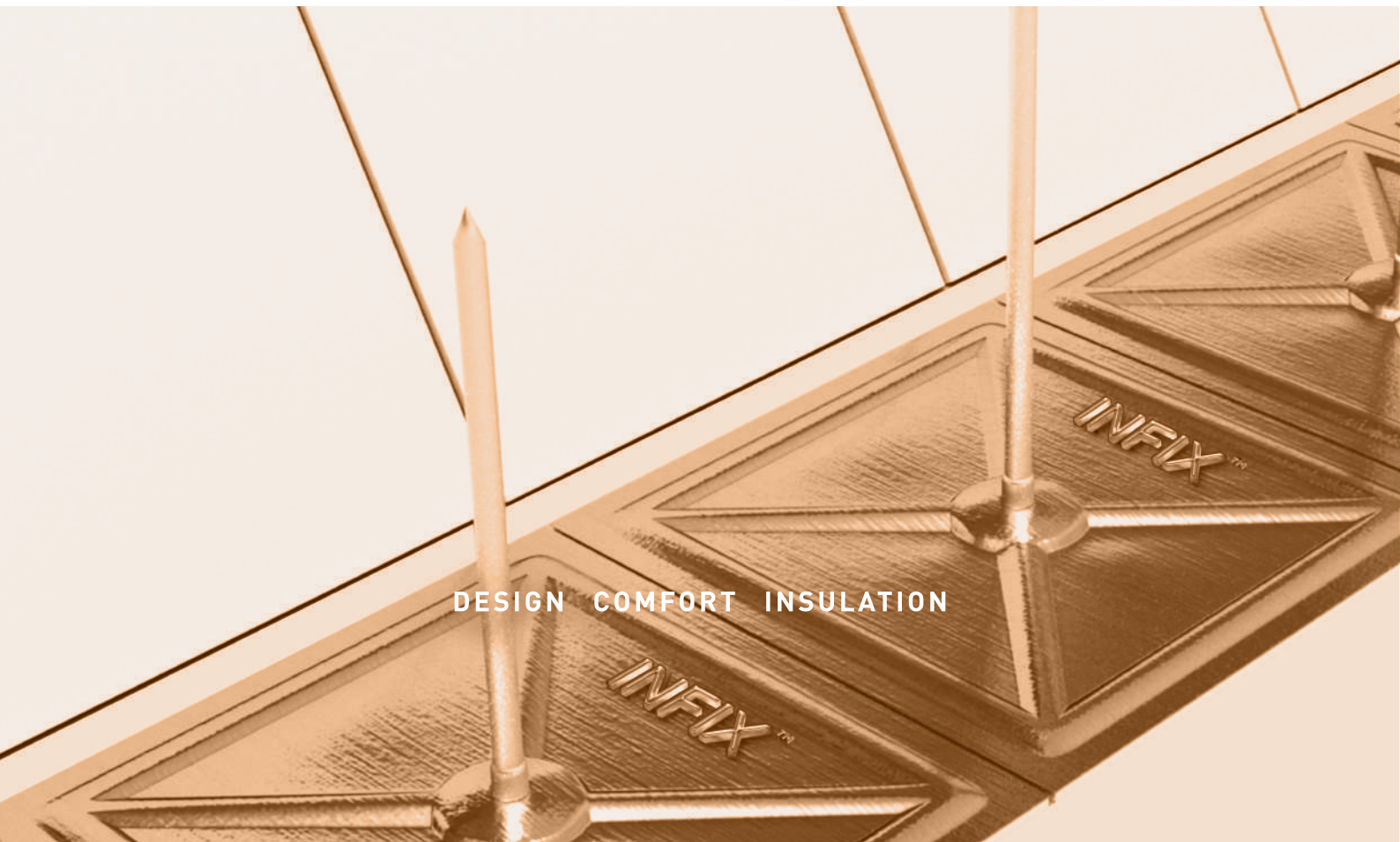


# Self-Adhesive Insulation Pins

**INFIX**<sup>®</sup>

SELF-ADHESIVE INSULATION PIN



DESIGN COMFORT INSULATION

## SELF-ADHESIVE FASTENERS

- INFIX® insulation pins are widely used in Heating, Ventilation and Air Conditioning (HVAC) Systems. They are used in external thermal insulation and internal acoustic liner onto the duct surface. The pin has a sticker backing to make the fixing easier. They also have a unique easy-peel adhesive backing design that prevents fumbling with the release paper.



Self-adhesive hanger with washer

### SPECIFICATIONS

"D"	"L"
12 Ga.(0.105)	3/4" minimum   6" maximum

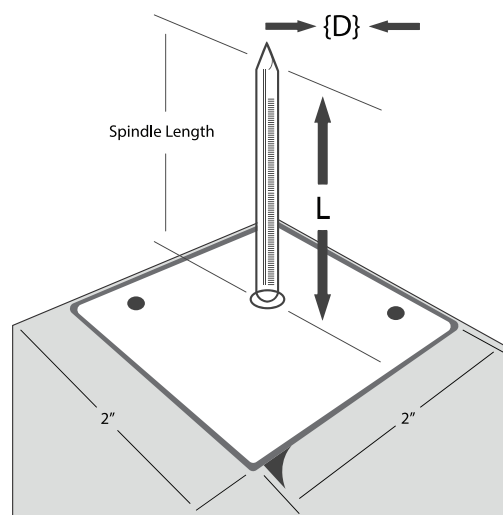
Std length: 30, 40, 50, 60, 75, 100, 120 & 150 mm.  
Nail is Galvanized & Zinc Plated.

## Components

- **NAIL:** Low Carbon Steel, galvanized/coated, Aluminium & Stainless Steel nails available on order.
- **ANNEALING:** All steel pins are fully annealed unless otherwise specified.
- **BASEPLATE:** Low Carbon Steel, galvanized.
- **ACCESSORIES:** Self-locking washers.
- **GASKET ADHESIVE:** Rubber based adhesive.

## FEATURES

- Fasteners and self-locking washers are manufactured from low carbon galvanized steel.
- Other spindle lengths, gauges and materials are available upon request.
- Shelf life is estimated to be up to 2 years if hangers are stored at room temperature and at 50% relative humidity. Avoid direct exposure to sunlight.



- Operating temperatures should not exceed 150 °F (66 °C).
- Approx. 8 to 15 units of INFIX<sup>®</sup> required for 1 SQM area of insulation depending upon the application, surface and size of insulation sheet.
- Adhesive type: Acrylic Solvent.
- Heat Resistance: -10 to 90 °C (for 1 hr).

## WASHERS

The steel base is made from 28 gauge metal, a steel pin and double sided self-adhesive tape having high bonding strength. The use of this pin prevents corrosion on the sheet metal which is caused by the welding fasteners.



Steel Washers 28 Gauge Galvanized



## APPLICATIONS

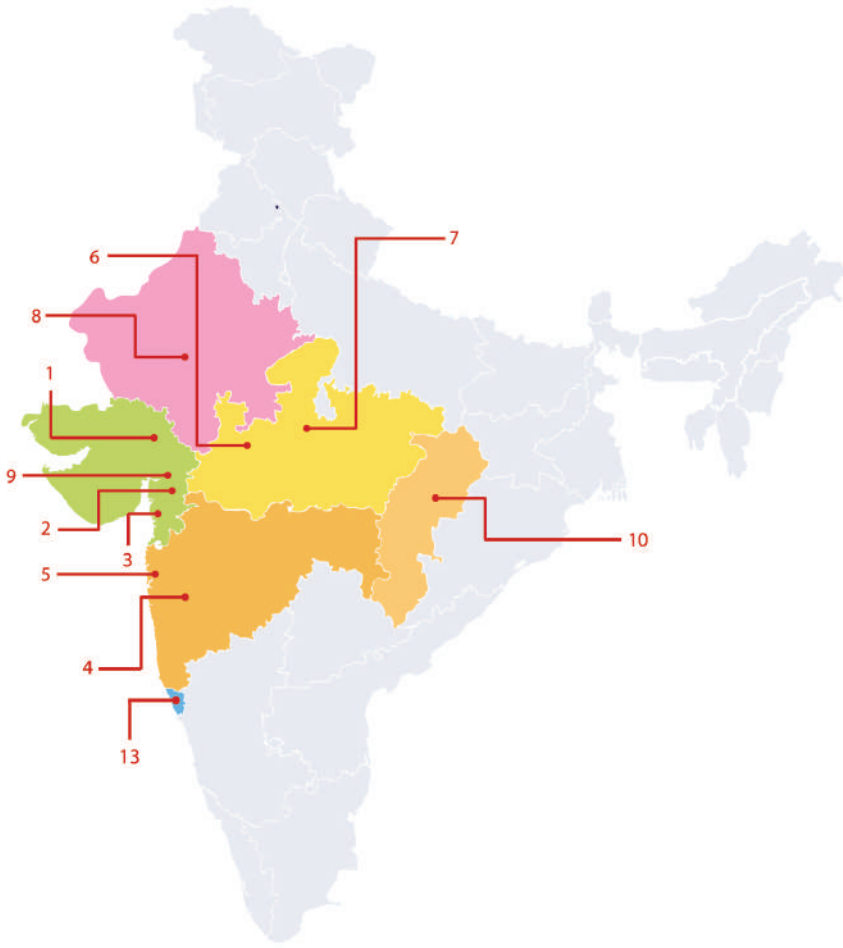
INFIX<sup>®</sup> self-adhesive fasteners are used to fix thermal insulation or acoustic liner on the duct surface, internally or externally. Along with duct insulation adhesive, the fasteners hold the insulation firmly, not allowing any sagging and thereby preventing any condensation. However care needs to be taken for proper insulation selection in line with the local climatic conditions.

## ADVANTAGES

- **Reinforced Design-** The improved design of the base of the INFIX<sup>®</sup> has a reinforcement that strengthens the fastener.
- **Peel Adhesive Backing-** INFIX<sup>®</sup> has a unique easy-peel adhesive backing that prevents fumbling with the release paper.
- **Diamond Point-** The diamond point on the INFIX<sup>®</sup> is the sharpest in the industry and cleanly pierces the toughest duct liner.

## INSTALLATION PROCEDURE

- INFIX<sup>®</sup> can only be stuck on clear, dry and smooth surface.
- Remove any dust, loose paint, oil etc. Cleaning the surface is recommended.
- Peel off the backing paper. Please note that the Easy-Peel backing paper purposely overhangs the adhesive so that the paper is easy to grasp.
- Firmly place the fastener against the cleaning surface.
- Impale the insulation over the point of the fastener.
- Secure the insulation with the self-locking washer.
- Bend or remove excess spindle.



- 📍 **AHMEDABAD**  
ie.csd@innerengineering.co.in
- 📍 **BARODA**  
ie.contacts@innereng.com
- 📍 **SURAT**  
ie.tejas@innerengineering.co.in
- 📍 **PUNE**  
ie.pune@innerengineering.co.in
- 📍 **MUMBAI**  
ie.mumbai@innereng.com
- 📍 **INDORE**  
ie.mp@innerengineering.co.in
- 📍 **BHOPAL**  
ie.bhopal@innereng.com
- 📍 **RAJASTHAN**  
ie.rajasthan@innereng.com
- 📍 **ANAND**  
ie.anand@innereng.com
- 📍 **CHHATTISGARH**  
ie.chattisgarh@innereng.com
- 📍 **RETAIL SALES**  
ie.retailsales@innerengineering.co.in
- 📍 **KUTCH**  
ie.rajkot@innereng.com
- 📍 **GOA**  
ie.goa@innereng.com

innerengineering.co.in



#### **INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD**

- Registered Office (Ahmedabad)  
📍 Ground Floor, Showroom No. 3, Brooklyn Tower, Next to YMCA Club, S.G Highway, Ahmedabad - 380015, Gujarat, India.
- Branch Office (Pune)  
📍 Office No 501, Fifth Floor, Archway, Plot No 5, Sopan Baug Society, Survey No 2/1, Balewadi, Pune- 421045, Maharashtra, India.
- Branch Office (Vadodara)  
📍 713/A, Atlantis Heights, Opp. Swagat Petrol Pump, Nr. Genda Circle, Vadodara - 390021, Gujarat, India.

📞 1800 572 7963

✉ [ie.inquiry@innerengineering.co.in](mailto:ie.inquiry@innerengineering.co.in)

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