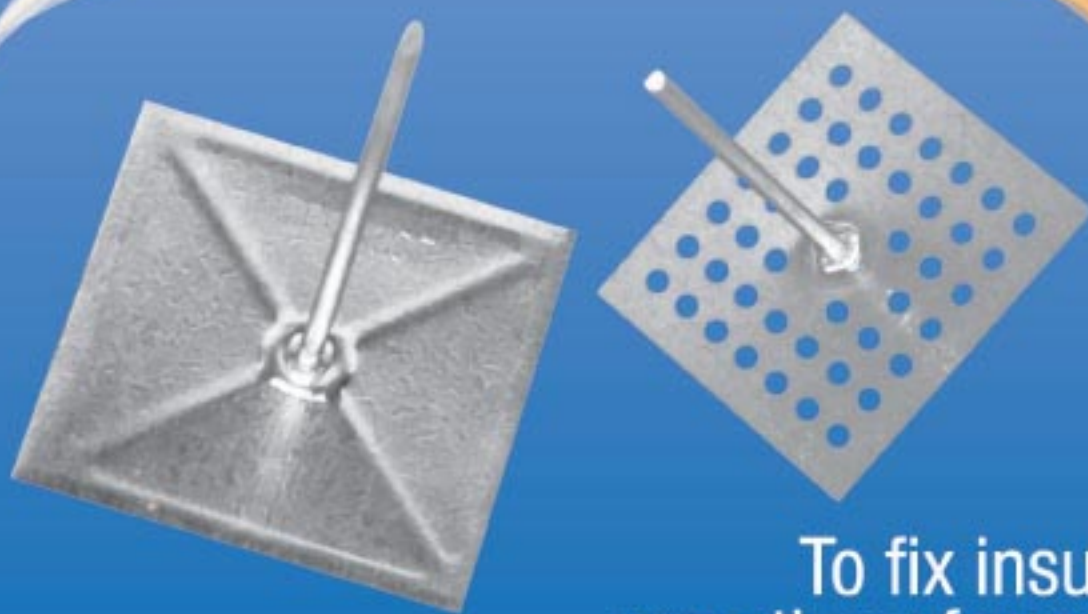




INSULATION FASTENERS



To fix insulation
smooth surfaces used
in HVAC applications

Designed to meet SMACNA Standards
Utilizing steel as per ASTM-A 591





Insulation Fasteners (IF) / PERFORATED BASE HANGERS (PIF)

Base : 28 Gauge Metal

Pin : 12 Gauge Zinc Plated

Size : 50mm x 50mm

Packaging : 500 pieces per box with SW Washers

Self Adhesive Type Model No.	Perforated Base Type Model No.	Pin Length (inches)	Use for Insulation size (inches)
IF 34	PIF 34	0.75	½
IF 114	PIF 114	1.25	1
IF 134	PIF 134	1.75	1½
IF 200	PIF 200	2	1½
IF 250	PIF 250	2.5	2
IF 300		3	3
IF 400		4	4
IF 450		4.5	4

Insulation Fasteners Compact (IFC)

Base : 28 Gauge Metal

Pin : 12 Gauge Zinc Plated

Size : 35mm x 35mm

Packaging : 1000 pieces per box with two boxes of SW Washers

Model No.	Pin Length (inches)	Use for Insulation size (inches)
IFC 114	1.25	1
IFC 134	1.75	1½
IFC 200	2.0	1½
IFC 250	2.5	2



SW Washers

Model No.	Description	Pieces per box
SW	Steel Washers 30 Gauge Galvanized	500



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

Adhesive Tape Technical Details

Base Material : Polyethylene foam with aggressive pressure sensitive rubber resin adhesive

Service Temperature : - 40 deg C to + 70 Deg C.

Highly resistant to abrasion, corrosion and moisture.

Confirms to European Directive 2000/53 (Lead, Chromium VI, Mercury, Cadmium free)

10 Minute 180 degree Peel Adhesion : 30 N/25mm

500 Hour Static Shear (Stainless Steel) : 0.8 kg/cm²

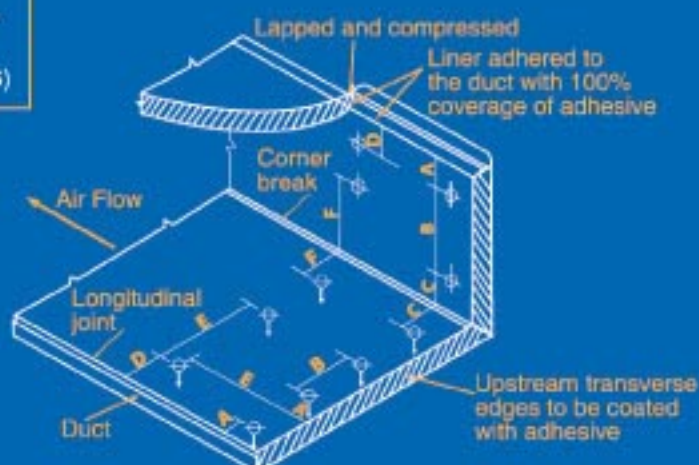
Duct Liner Installation

Velocity	Dimensions				
	A	B	C	D	E
0-2500 FPM (0-12.7 MPS)	3"	12"	4"	6"	18"
	(76.2)	(305)	(102)	(152)	(457)
2501-6000 FPM (12.7-30.5 MPS)	3"	6"	4"	6"	16"
	(76.2)	(152)	(102)	(152)	(406)

Maximum spacing for fasteners.
Actual intervals are approximate



Interior width of 8"(200mm) and less does not require pins



Recommended Installation Procedure



Ensure that the surface is clean and dry,
free from oil, grease or any dust particles



Remove protection paper from the base
of the insulation fastener.



Apply glue to the base of the perforated
hanger and fix to the surface



Firmly press the base of the pin at the
required position on to the steel surface.



Fix the insulation over the pins



Lock the insulation firmly to the steel
surface using the steel washers
provided.