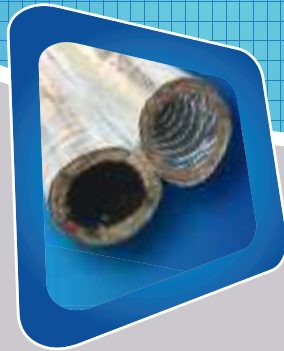
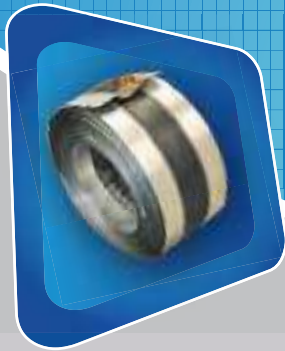
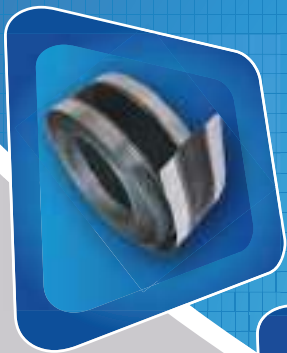


AERODUCT

Ducting Accessories



The Most Comprehensive Range of Ducting Accessories



INSULATION FASTENERS

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

INSULATION FASTENERS

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
250 pieces per box with SW Washers for Pin Length of 180mm - 225mm

Self Adhesive Type - Steel Model No.	Self Adhesive Type - Aluminium Model No.	Perforated Base Type Model No.	Pin Length (inches/mm)	Use for Insulation size
IF 34	IFAS 34	PIF 34	0.75" / 19mm	½"
IF 114	IFAS 114	PIF 114	1.25" / 32mm	1"
IF 134	IFAS 134	PIF 134	1.75" / 45mm	1½"
IF 200	IFAS 200	PIF 200	2.0" / 51mm	1½"
IF 250	IFAS 250	PIF 250	2.5" / 65mm	2"
IF 300	IFAS 300	PIF 300	3.0" / 75mm	3"
IF 80M	IFAS 80M	PIF 80M	80mm	3"
IF 400	IFAS 400	PIF 400	4.0" / 100mm	4"
IF 450	IFAS 450	PIF 450	4.5" / 110mm	4"
IF 120M	IFAS 120M	PIF 120M	120mm	4"
IF 130M	IFAS 130M	PIF 130M	130mm	5"
IF 140M	IFAS 140M	PIF 140M	140mm	5"
IF 150M	IFAS 150M	PIF 150M	150mm	6"
IF 160M	IFAS 160M	PIF 160M	160mm	6"
IF 180M	IFAS 180M	PIF 180M	180mm	7"
IF 200M	IFAS 200M	PIF 200M	200mm	8"
IF 210M	IFAS 210M	PIF 210M	210mm	8"
IF 225M	IFAS 225M	PIF 225M	225mm	9"



Self Adhesive Type - Steel Nail
Reinforced and plain base options



Self adhesive type- Aluminium nail
Easy to bend and cut



Perforated Base Type
Available in both Steel and Aluminium nail.

Note: 1 inch is equivalent to 25mm.

Delivery is 6 - 8 weeks for 180mm sizes upwards.

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

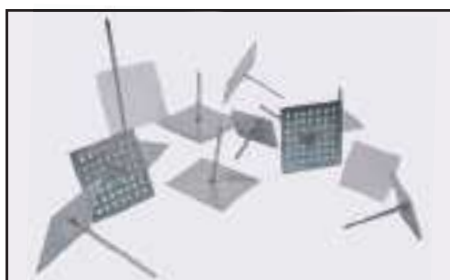
Model No.	Pin Length (inches)	Use for Insulation size
IFC 114	1.25	1"
IFC 134	1.75	1½"
IFC 200	2.0	1½"
IFC 250	2.5	2"



Stainless Steel Insulation Fasteners for Offshore, Oil & Gas Fields

Standards SS304 and 316

Nail Size: 0.75", -2.5", Base 2"x2"



SW Washers

Model No.	Description	Pieces per box
SW	Steel Washers 28 Gauge Galvanized	500



The steel base is made from 28 Gauge metal, a steel pin and 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 solvent acrylic adhesive

Service Temperature : - 5 deg C to + 65 Deg C.

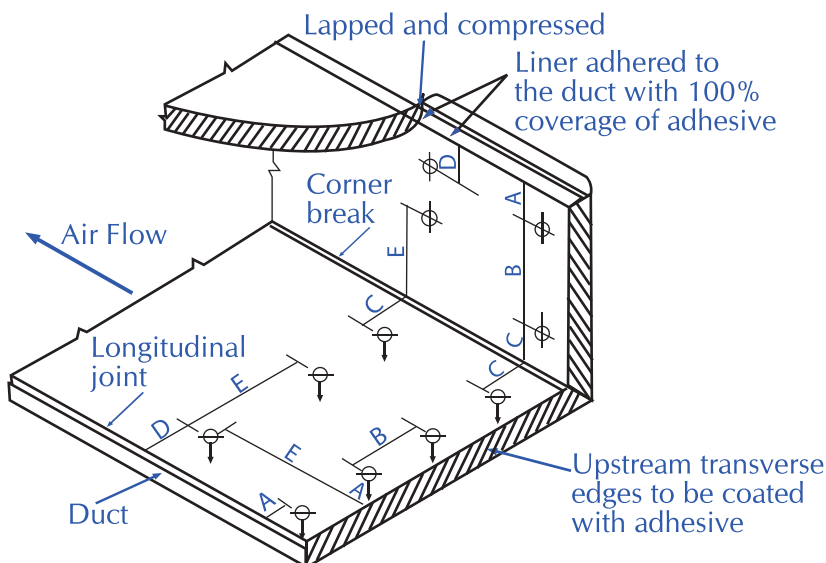
Highly resistant to abrasion, corrosion and moisture.

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

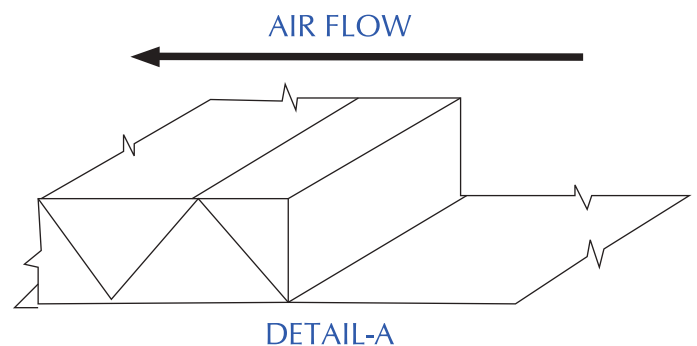
10 Minute 180 degree Peel Adhesion : 30 N/25mm

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)

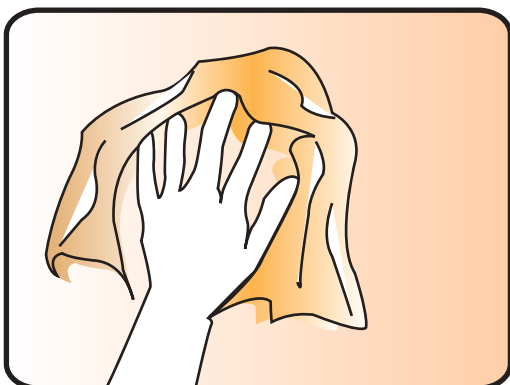


Metal Nosing Channel or Zee

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

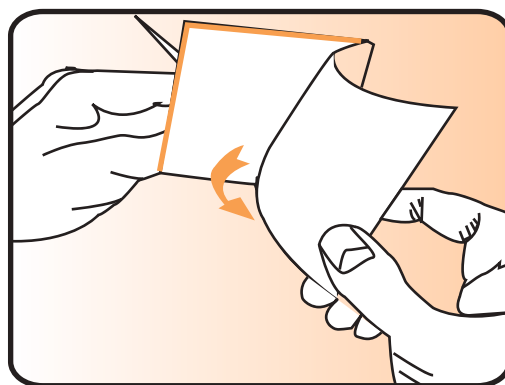
RECOMMENDED INSTALLATION PROCEDURE

1.



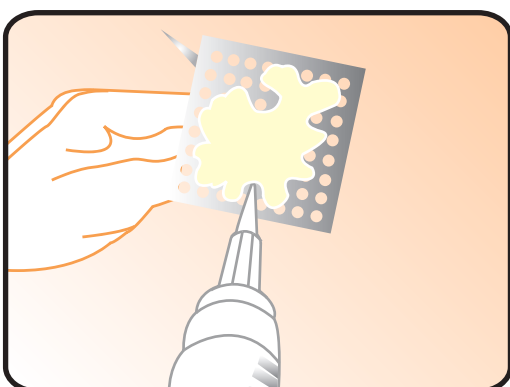
Ensure that the surface is clean and dry, free from oil, grease or any dust particles

2.



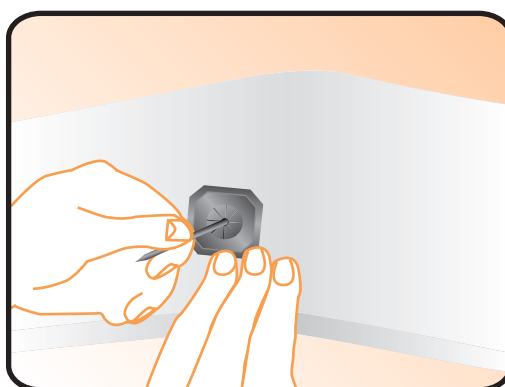
Remove protection paper from the base of the insulation fastener.

3.



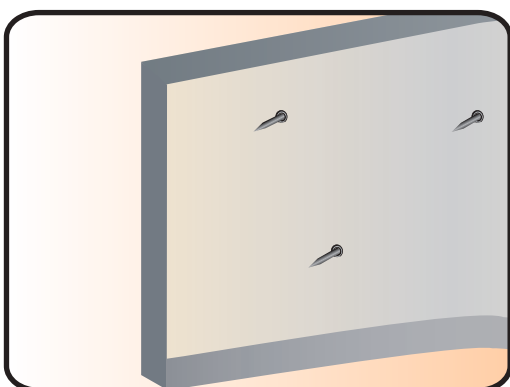
Apply glue to the base of the perforated hanger and fix to the surface

4.



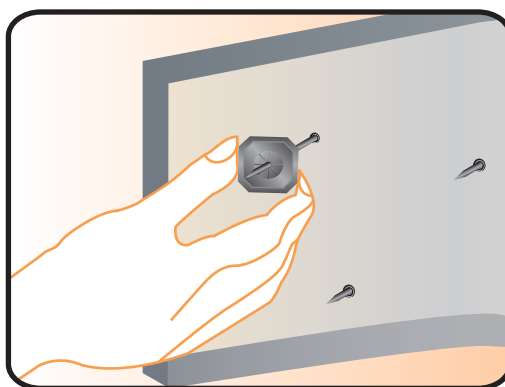
Firmly press the base of the pin at the required position on to the steel surface.

5.



Fix the insulation over the pins

6.



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



MANILA BAY RESORT, PHILIPPINES



BLUE WATER DUBAI PROJECT



HARTLAND GREEN – SOBHA, DUBAI - UAE



ABU DHABI INTERNATIONAL AIRPORT 1



COLOMBO CITY CENTRE, SRI LANKA

PROJECTS



OMANTEL HEADQUARTER



BAHRAIN AIRPORT PROJECT



REEM MALL, ABU DHABI, UAE



DUBAI PARKS AND RESORTS



PALM TOWER PROJECT



MARINA GATE TOWER, DUBAI - UAE

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Hira Industries LLC

Main Site: Plot No 118 to 123, 307, 309 & 311, Al Ghail Industrial Park –
RAKEZ, P.O. Box 9013, Ras Al Khaimah, United Arab Emirates

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacture of Molded & Extruded Rubber Products, Ducting
Accessories, Smoke and Fire Curtains, Pipe Support Systems, Adhesive
Tapes and Aerofoam Closed Cell Polyolefin & Elastomeric Insulation
Products.

Certificate Number:

0112982

Initial Certification Date:

07 May 2018

Date of Certification Decision:

28 June 2022

Issuing Date:

28 June 2022

Valid Until:

06 May 2024



Calin Moldovean

President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.



AERODUCT

Ducting Accessories



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