



Idenden Insulation Hangers

SELF-ADHESIVE

Date: 09 November 2015

Fact Sheet No.: TDS00706

YOUR SMART ADVANTAGES

- Strong and easy to use
- Supplied with washers
- Rapid insulation attachment

USES

Bostik Idenden Self-Adhesive Metal Insulation Hangers provide instant mechanical fixing of pre-formed insulation material to metal ducting only. These include glass fibre, mineral wool, polystyrene, rigid and flexible PU foam, PIR, phenolic foam, cork and similar materials. The hangers are usually not suitable for brittle insulants such as calcium silicate or foamed glass.

PRODUCT CHARACTERISTICS

Spindles	Commercial grade of aluminium, half hard at an average diameter of 2.65mm	
Bases	Nominal size of 50mm x 50mm x 0.4mm made from galvanised steel	
Washers	Circular shape 30mm x 0.4mm diameter made from hot dipped galvanised steel	
Foam	A double sided polyethylene foam with release linear protecting a high performance solvent acrylic pressure sensitive adhesive	
Product Code	30812344	45mm x 500
	30812345	62mm x 500
	30812346	110mm x 500

30813069	Bag of extra metal washers x 1000
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Storage/Shelf Life	Store for up to 24 months from date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.
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TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	Above +5°C
Service Temperature	-40°C to +80°C

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Idenden Self-Adhesive Metal Insulation Hangers refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

Surface Preparation:

1. The self-adhesive hangers are designed for use on metal ducting providing that the surface is flat, smooth, clean, and offers a dry surface. Do not use dissolvent products.
2. The metal surface and ambient temperature must be +5°C or above.
3. The self-adhesive hanger is not recommended for fixing insulation to the inside surface of external metal cladding or metal sliding, due to possible solar gain.



FM 01696
BS EN ISO 9001:2008

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APPLICATION

Attachment of Hangers:

4. Remove release paper. Do not touch adhesive surface with fingers. Press firmly onto base, pressing straight down. Do not twist, use firm hand pressure. It is absolutely essential that the surface is completely dry with no dust, dirt or condensation present.

WARNING:

5. Do not attempt to insert the pins into the insulation and then attach pins to the substrate. This method will result in failure due to insufficient pressure being applied to each hanger and contamination of the adhesive surface by fibres of insulation. Always fix hangers first prior to the insulation.

Fixing the Insulation:

6. Position the slab carefully over the pins, then press uniformly until the insulation butts firmly against the base. Fit self-locking washers (dome side outwards) to the pins and press up to the insulation surface.
7. Do not compress the insulation.
8. Excess pins lengths are then snipped off, and should not be bent over insulation. When snipping off excess pin length, hold pliers steady and do not work from side to side.

Hanger Spacing Performance:

9. The service temperature of this range of hangers is -40°C to $+80^{\circ}\text{C}$. As an estimated guide, 5 – 8 hangers are required per square metre of insulation having a density of up to 80kg per cubic metre. For an average air conditioning duct, 5 hangers per square metre is normally adequate. 30cm spacing is recommended on the underside of ducts or when the duct is operating above ambient temperatures.

PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Idenden Self-Adhesive Metal Insulation Hangers, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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