



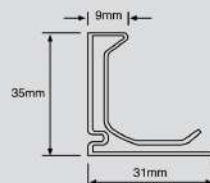
FLANGES & ACCESSORIES

SLIDE ON FLANGE SYSTEM



SAF - 35 SLIDE ON FLANGE

Dimensions



Description

ecovent Slide on Flange is manufactured of roll formed galvanized steel of lockforming quality conform to ASTM A653 with G90 zinc coating and can be supplied in gauge 22 and 20.

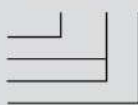
SAF - 35, has been recommended and approved by DW 144 and SMACNA standards, 1995 for use as a duct joint for low, medium and high pressure systems. For more details please contact ECOVENT.

SAF - 35 can be supplied with integral mastic (sealant) to provide perfect seal between duct and flange.

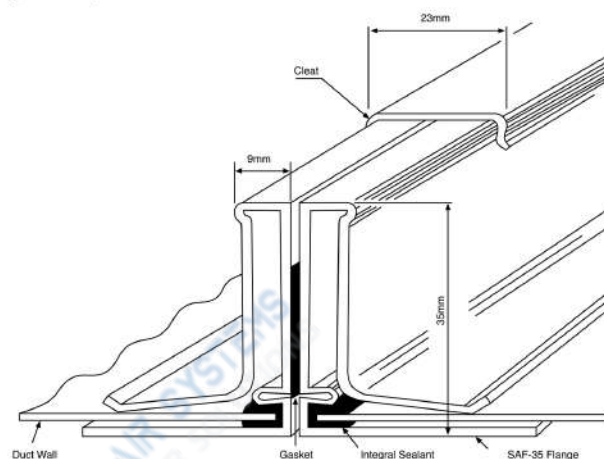
Ordering

Product Code: SAF-35 - 0 - 20

Type
Without Sealant = 0
With Sealant = 1
Gauge



SAF - 35 - Flange Joint System

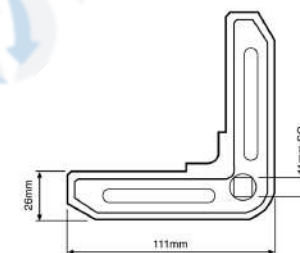


CORNER, CLEAT AND CLAMP

Corner Piece - SACP - 35



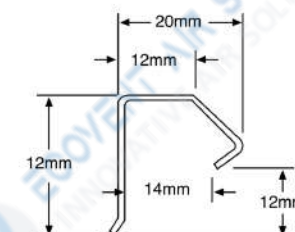
Dimensions



Cleat



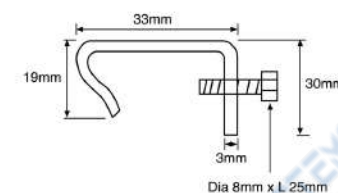
Dimensions



Clamp SACL - 30



Dimensions



GASKETS, BOLTS AND NUTS



GT - Tape



Description

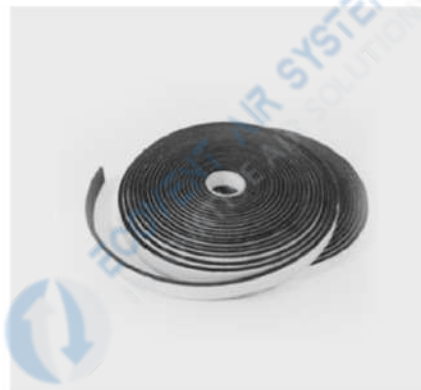
The Gasket Tape (GT) is manufactured out of polyethelene foam with one side self adhesive and is appropriate for longlife in combination with a high air humidity and chemical inertness.

Standard Length: 10 meters per roll

Type and Size:

GT 4/12 mm - 4 mm thick, 12 mm wide, 10 rolls per bag
GT 6/19 mm - 6 mm thick, 19 mm wide, 10 rolls per bag

ET



Description

ET is an EPDM/Neoprene modified elastomeric closed cell self-adhesive foam gasket tape for cooling and heating air duct connections to prevent air leakage, reduce vibration/noise and also serves as thermal insulation to prevent condensation and heat transfer. With acrylic pressure sensitive adhesive. ET is easily installed on the surface of the connection joint.

Standard Length: 10 meters per roll

Type and Size:

ET052010 - 5 mm thick, 20 mm wide

Bolts and Nuts



Description

Bolts & Nuts are built of galvanized steel hexagonal cap screw full thread with galvanized hexagonal nut.

Bolts = M10 x 30mm
Nuts = M10

FLANGE ASSEMBLY INSTRUCTIONS



1. Insert ECOVENT Corner Piece as in photo above.



2. Assemble SAF - 35 Flanges and Corners to have a complete frame.



3. Fix completed SAF Flange frame at corner of duct section.



4. Corner of duct section must clear ECOVENT Corner Piece.



5. If duct section Corner is not clear tap the frame outwards to allow duct section to clear and slide past the ECOVENT Corner Piece.



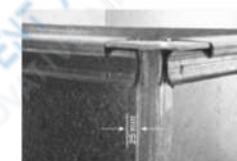
6. The duct section must be seated to the SAF - 35 so that leading edge of the duct section penetrates the mastic sealer. The corners of duct section should project above ECOVENT Corner Pieces.



7. Establish metal to metal connection along the full length of the slide on flange.



8. Hold SAF - 35 temporarily by clamps until permanent fixing (spot welding or drilling) as shown in next picture.



9. It is recommended that SAF - 35 Flanges are fastened to duct section within 25mm of the end of SAF - 35 Flange.



10. Fix and move in one direction around the duct flange. Do not attempt to fix flange at corners first, it could cause location problems.

- SAF - 35 Flange can be fixed to duct sections with either self drilling screws, rivets or spot welds. Spot welding is highly recommended for a better quality fabrication and installation (avoiding holes in the ducts).
- SAF - 35 to be fixed at maximum intervals of 150mm for all pressure classes (2" - 500Pa, 4" - 1000Pa and 10" - 2500Pa).