

Joint treatment

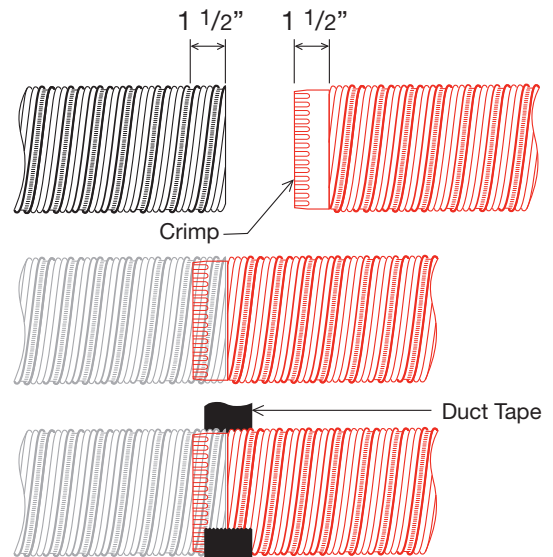


Type A and B

STEP 1: Apply mastic duct sealant (see notes) compound at least 1 1/2" on the inside of the uncrimped duct end and on the outside surface of the other crimped duct end.

STEP 2: Push the 2 pieces of duct together and turn them until they are tight. This will bond the duct sealant compound.

STEP 3: Seal the joint using 2 wraps of duct tape over the joint area (see notes).

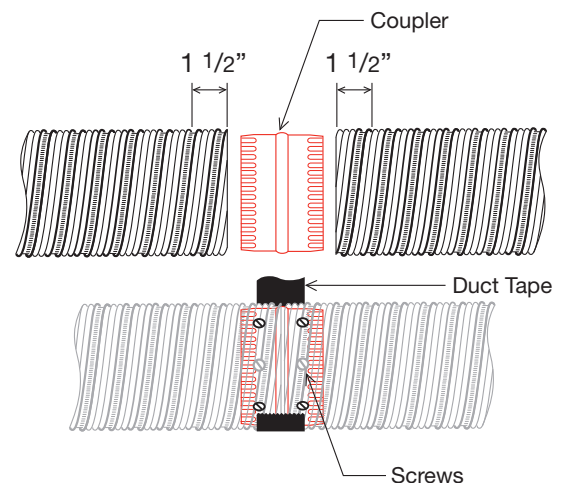


Type C

STEP 1: Using a brush apply duct sealant compound (see notes) at least 1 1/2" on the inside of each duct end. Then push the ends together against the coupling center bead.

STEP 2: Install 3 metal screws evenly spaced around the duct for ducts up to 8" (203mm) in diameter. Use 6 metal screws for duct over 8" (203mm) in diameter on each end of the duct.

STEP 3: Seal the joint using 2 wraps of duct tape over the joint area (see notes).

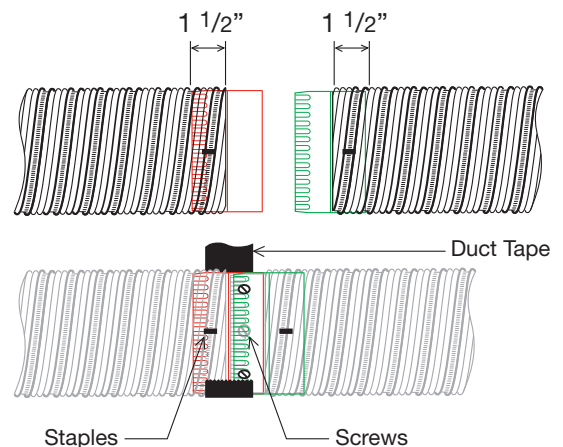


Type G

STEP 1: Push the male galvanized connector into the female end of the other connector.

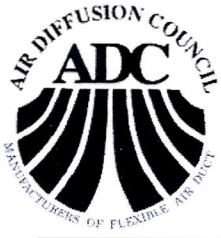
STEP 2: Install 3 metal screws evenly spaced around the duct for ducts up to 8" (203mm) in diameter. Use 6 metal screws for duct over 8" (203mm) in diameter on each end of the duct.

STEP 3: Seal the joint using 2 wraps of duct tape over the joint area (see notes).



NOTES

- 1) Use Mastics listed and labelled to standard UL 181B and marked "181B-M" on containers.
- 2) Use tapes listed and labelled to standard UL 181B and marked "181B-FX".
- 3) Non-metallic clamps shall be listed and labelled in accordance with standard UL 181B and marked "181B-C".



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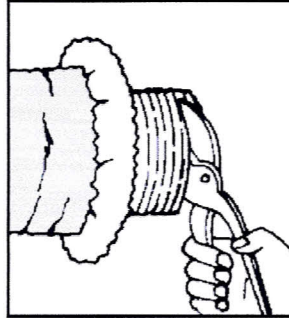
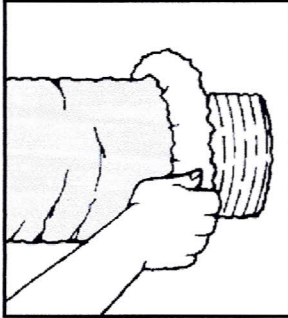
INSTALLATION INSTRUCTIONS

Air Ducts and Air Connectors

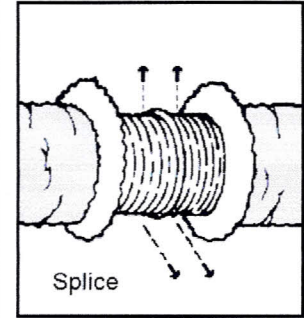
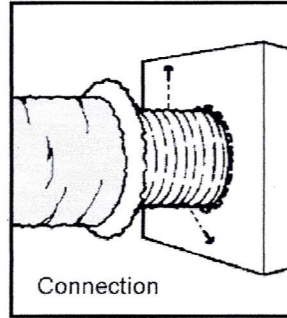
Metallic with Plain Ends

Connections and Splices

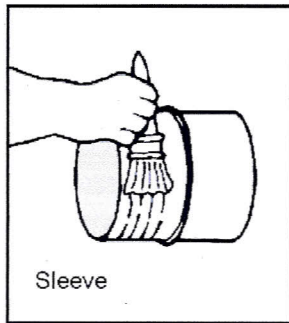
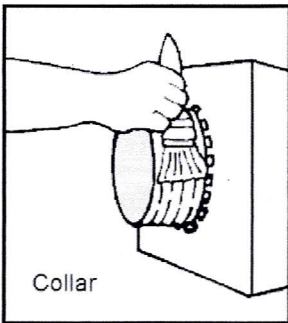
1. After cutting duct to desired length, fold back jacket and insulation exposing core. Trim core ends squarely using suitable metal shears. Determine optional sealing method (Steps 2 or 5) before proceeding.



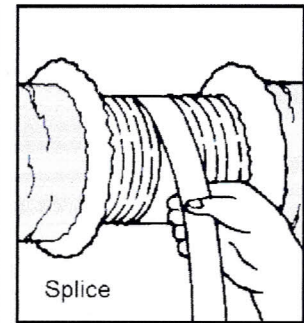
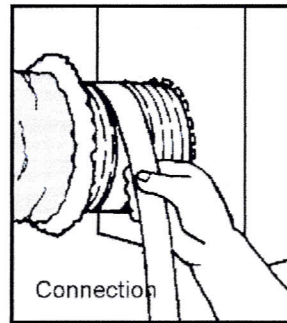
4. Secure to collar/sleeve using #8 sheet metal screws spaced equally around circumference. Use 3 screws for diameters under 12" [300 mm] and 5 screws for diameters 12" [300 mm] and over.



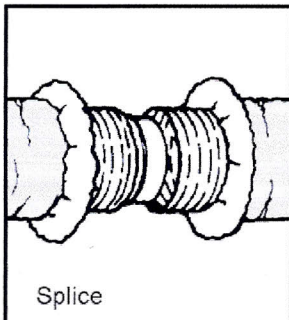
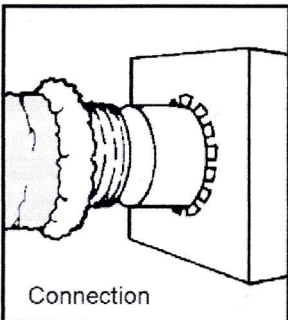
2. When mastics are required and for pressures 4" w.g. [1000 Pa] and over, seal joint with mastic applied uniformly to the outside surface of collar/sleeve. (Disregard this step when not using mastics and proceed to Step 3).



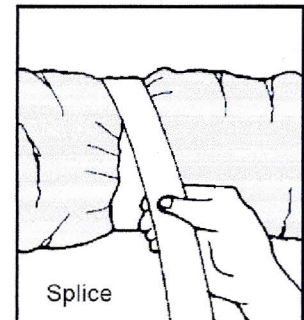
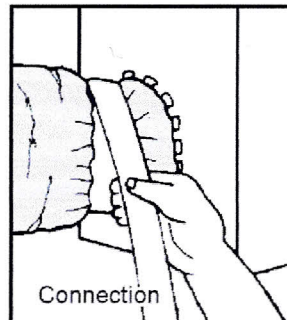
5. For pressures under 4" w.g. [1000 Pa] seal joint using 2 wraps of duct tape applied over screw heads and spirally lapping tape to collar/sleeve. (Disregard this step when using mastics per Step 2).



3. Slide at least 1" [25 mm] of core over metal collar for attaching duct to take off or over ends of a 4" [100 mm] metal sleeve for splicing 2 lengths of duct.



6. Pull jacket and insulation back over core. Tape jacket with 2 wraps of duct tape. A clamp may be used in place of or in combination with the duct tape.



NOTES:

1. For uninsulated air ducts and air connectors, disregard references to insulation and jacket.
2. Use mastics listed and labeled to Standard UL 181B and marked "181B-M" on container.
3. Use tapes listed and labeled to Standard UL 181B and marked "181B-FX".
4. Nonmetallic clamps shall be listed and labeled in accordance with Standard UL 181B and marked "181B-C".

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