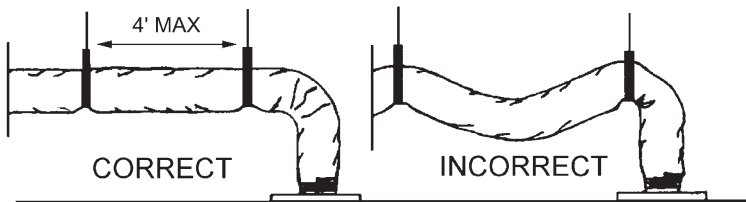
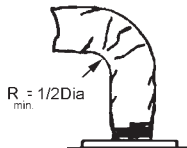


INSTALLATION GUIDELINES

- Exposure to direct sun/ultraviolet light will cause jacket deterioration. Avoid locations where sunlight enters thru skylights, turbine vents, windows, etc.
- Terminal devices shall be supported independently of the flexible duct.
- The duct should be supported at 4' maximum intervals by means of min 1.5" wide straps, ceiling joists, truss supports, or other hanging devices approved by the "authority having jurisdiction". Connections to rigid duct or equipment shall be considered a support joint.



- The duct should be supported such that the "sag" between supports does not exceed 1/2" per foot in support spacing.
- Vertical runs of duct should be secured at 6' maximum intervals.
- Avoid sharp bends. The inside radius of any bend should not be less than 1/2 the ID of the duct.



- Avoid installing excess duct. For an efficient system, always install the duct fully extended and use the minimum length necessary.
- Repair any tears in the vapor barrier with UL 181B-FX tape. Damaged inner core should be replaced or spliced with a collar.
- Do not install where the outer jacket will contact any surface exceeding 200 deg F.

Additional installation information can be found in the Uniform Mechanical Code (UMC) and the Air Diffusion Council's Flexible Duct Performance & Installation Standard (Green Book).

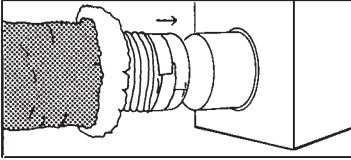
- Additional information about our products can be found on our website www.jplflex.com

Air Ducts With Factory Fittings

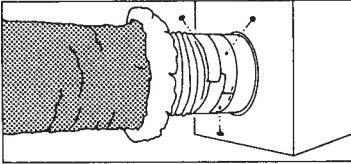
CONNECTIONS

SPLICES

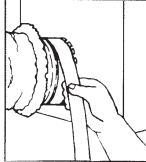
- 1.** Slide factory fitting into or over collar at least 1".



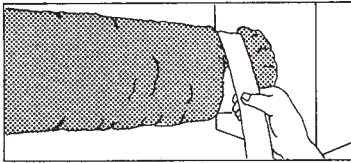
- 2.** Secure joint with a min. of 3 ea. #8 or larger sheetmetal screws spaced equally around the circumference.



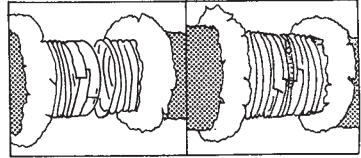
- 3.** For pressure under 4" w.g. (1000 Pa) seal joint using 2 wraps of duct tape applied over screw heads and spirally lapping tape to collar/sleeve. (Disregard this step when using mastics.)



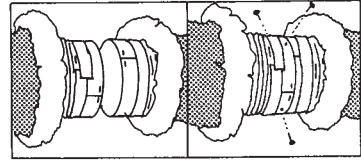
- 4.** Pull jacket and insulation back over joint. Tape with 2 wraps of duct tape. A clamp may be used in place of or in combination with the duct tape.



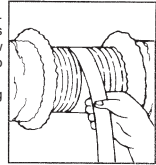
- 1A.** (JOINING FITTING TO PLAIN END) Slide factory fitting into core at least 1". Tape with at least 2 wraps of approved duct tape. Secure with approved clamp over field tape. (SKIP TO 3)



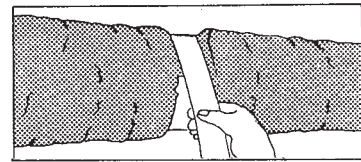
- 1B.** (JOINING FITTING TO FITTING) Slide one factory fitting into the other. Secure with a min. of 3 ea. #8 sheetmetal screws spaced equally around the circumference. (GO TO 2)



- 2.** For pressure 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.)



- 3.** Pull jacket and insulation back over joint. Tape jackets together with 2 wraps of approved duct tape.



NOTES:

1. Use tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX"
2. Nonmetallic clamps shall be listed and labeled in accordance with Standard UL 181B and marked "181 B-C"

Tapes: Shall be listed and labeled in accordance with UL 181B and marked "UL 181B-FX". California Title 24 states "Joints & seams of duct systems shall not be sealed with cloth back rubber duct tapes unless such tape is used in combination with mastic and drawbands."

Clamps: Metal – 1/2" wide aluminum, stainless steel or galvanized steel.
Nonmetallic – shall be listed and labeled in accordance with Standard UL 181B and marked "UL 181B-C".

Mastics: Shall be listed and labeled in accordance with UL 181B and marked "UL 181B-M". Instructions for installations using mastics are available at www.jplflex.com



UL FILE, MH11637



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