

Outdoor Duct Installation – Duct to Collar and Duct to Duct

1. Peel back vapor barrier and insulation approximately 4" to expose core.
2. Slide core over collar or sleeve.
3. Seal core to collar/sleeve with a minimum of two wraps of preservation tape or outdoor duct sealer.



4. Secure core with a stainless-steel clamp.



5. Pull insulation and vapor barrier back into position.
6. Seal vapor barrier to collar/sleeve with a minimum of two wraps of preservation tape or outdoor duct sealer.



7. Secure vapor barrier with stainless steel clamp.



Notes:

- Polyethylene Tape – Known as “Preservation Tape”, polyethylene tapes are used in outdoor applications. Products should withstand outdoor exposure for up to one year minimum. Specifications: Product-Polyethylene/Rubber; Total Thickness-minimum 9.5 mils; Width-minimum 2”; Temperatures from 20 to 170 deg. F
- Duct Sealer – Use mastics listed and labeled to standard UL 181B and marked “181B-M” on container (high pressure only). Product should contain a UV inhibitor for outdoor use
- Use beaded sheet metal fittings and sleeves

Examples:

- **Preservation Tape – 3M 4811 Preservation Tape, 3M 481 Preservation Tape**

Air Connectors are limited to 14' lengths.