



# Flexible Aluminum Air Duct

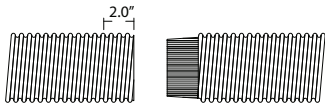
NOTE: Whenever sealant is specified use Mastics Listed and Labeled in accordance with UL 181B and marked 181B-M.

NOTE: Whenever foil tape is specified use Listed and Labeled tape in accordance with UL 181A and marked 181A-P.  
NOTE: Whenever Tape (other than foil tape) is specified use tape listed and labeled in accordance with UL181B and marked 181B-FX.

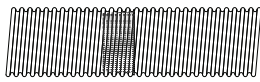
## Uninsulated Joint Treatment Air Duct and Air Connector Label

Installation of Air Duct Connectors shall not exceed 14 feet in length.

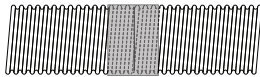
### Type A



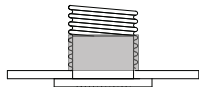
**STEP 1**  
Apply UL Listed Duct Sealant at least 2" on the inside of the uncrimped duct end and to the outside of the crimped end.



**STEP 2**  
Push the two pieces of duct together and turn until tight, bonding the duct sealing compound. On each duct end: 3 metal screws for ducts up thru 8" diameter; 6 metal screws for ducts over 8" diameter.



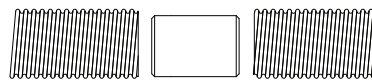
**STEP 3**  
Wrap with two wraps of foil tape listed under UL 181A.



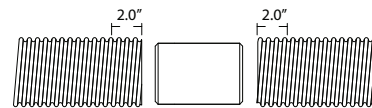
DIFFUSER EXAMPLE

**DIFFUSER**  
Wrap with foil tape listed under UL 181A after applying duct sealer as above on all joints.

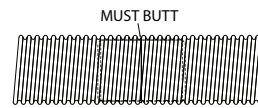
### Type C



**STEP 1**  
Standard galvanized or aluminum sleeve 6" long minimum.

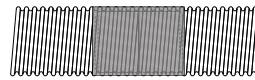


**STEP 2**  
Apply UL 181B listed duct sealant at least 2" on the inside of each duct end and butt ends together.

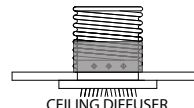


MUST BUTT

**STEP 3**  
On each duct end: 3 metal screws for ducts up thru 8" diameter; 6 metal screws for ducts over 8" diameter.



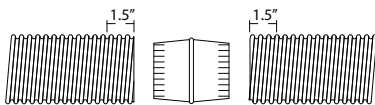
**STEP 4**  
Double wrap. Use Foil Tape listed under UL 181A.



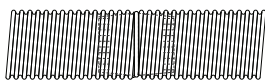
CEILING DIFFUSER

**DIFFUSER**  
Apply screws, sealant and double wrap using foil tape listed under UL 181A.

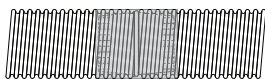
### Type F



**STEP 1**  
Apply UL 181B listed duct sealing compound at least 1 1/2" on the inside of duct in each duct and on the outside of the sleeve connector.

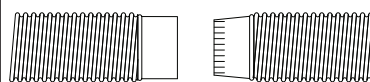


**STEP 2**  
Push the 2 pieces together and turn until tight, bonding the duct sealing compound. On each duct end: 3 metal screws for ducts up thru 8" diameter; 6 metal screws for ducts over 8" diameter.

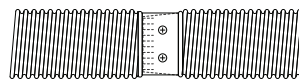


**STEP 3**  
Wrap with two wraps of foil tape listed under UL 181A.

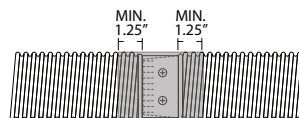
### Type G



**STEP 1**  
Push male connector into female connector.



**STEP 2**  
Install 3 metal screws for ducts up thru 8" diameter; 6 metal screws for ducts over 8" diameter.



**STEP 3**  
Wrap with two wraps of foil tape listed under UL 181A, overlapping duct by 1.25" minimum.