



# SHEET METAL CONNECTORS, INC.

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## Round Doublewall Connections

Sheet Metal Connectors, Inc. double wall duct has a complete line of compatible fittings. Fittings can be fabricated with standing seam, elbow lock or welded seam construction. Double wall fittings can be fabricated to desired length and many different configurations. All sizes shall be listed using inside dimensions.

All fittings can be manufactured with:

- Double Wall E-Z Flange Jr. with Barrel Clamp  
6" to 24" Diameter
- Double Wall E-Z Flange with Barrel Clamp  
26" to 96" Diameter
- Double Wall Couplings

### Double Wall E-Z Flange Jr. with Barrel Clamp 6" to 24" Diameter

The Double Wall E-Z Flange Jr. is a 5/8" flange turned out 90° on the outer shell. A 1-3/8" angle flange is inserted into the inner shell. The two flanges are then tack welded together creating a double wall E-Z Flange Jr. This double wall E-Z Flange Jr. can be shipped in sets or factory installed. A set consists of two double wall E-Z Flange Jr. and one barrel clamp. For field installation the installer attaches the double wall E-Z Flange Jr., applies a gasket on one flange, mates the two double wall E-Z Flange Jr. together and attaches the barrel clamp. For field cuts a 5/8" double wall flange sleeve is available, cut the spiral pipe to the measured length and apply the sleeve.

### Double Wall E-Z Flange with Barrel Clamp 26" to 96" Diameter

The double wall E-Z Flange with Barrel Clamp can be shipped in sets or factory installed. A set consists of two double wall E-Z Flanges and one barrel clamp. For field installation the installer attaches the double wall E-Z Flange to the pipe and fittings. Next the installer applies the gasket to one flange, mates the two double wall flanges together and attaches the barrel clamp. Sheet Metal Connectors also installs double wall E-Z Flanges. Flanges are spot welded and internally sealed on all ends of the spiral pipe and fittings.

### Double Wall Standard Spiral Pipe Connector

Pipe to Pipe connections are made by using a double wall fitting size coupling that slips inside the mating pipe sections, as shown. A stop bead runs around the middle of the coupling to center the coupling in the connection. Secure the connections by installing sheet metal screws through the outer shell of the duct, 1/2" from the stop bead.

