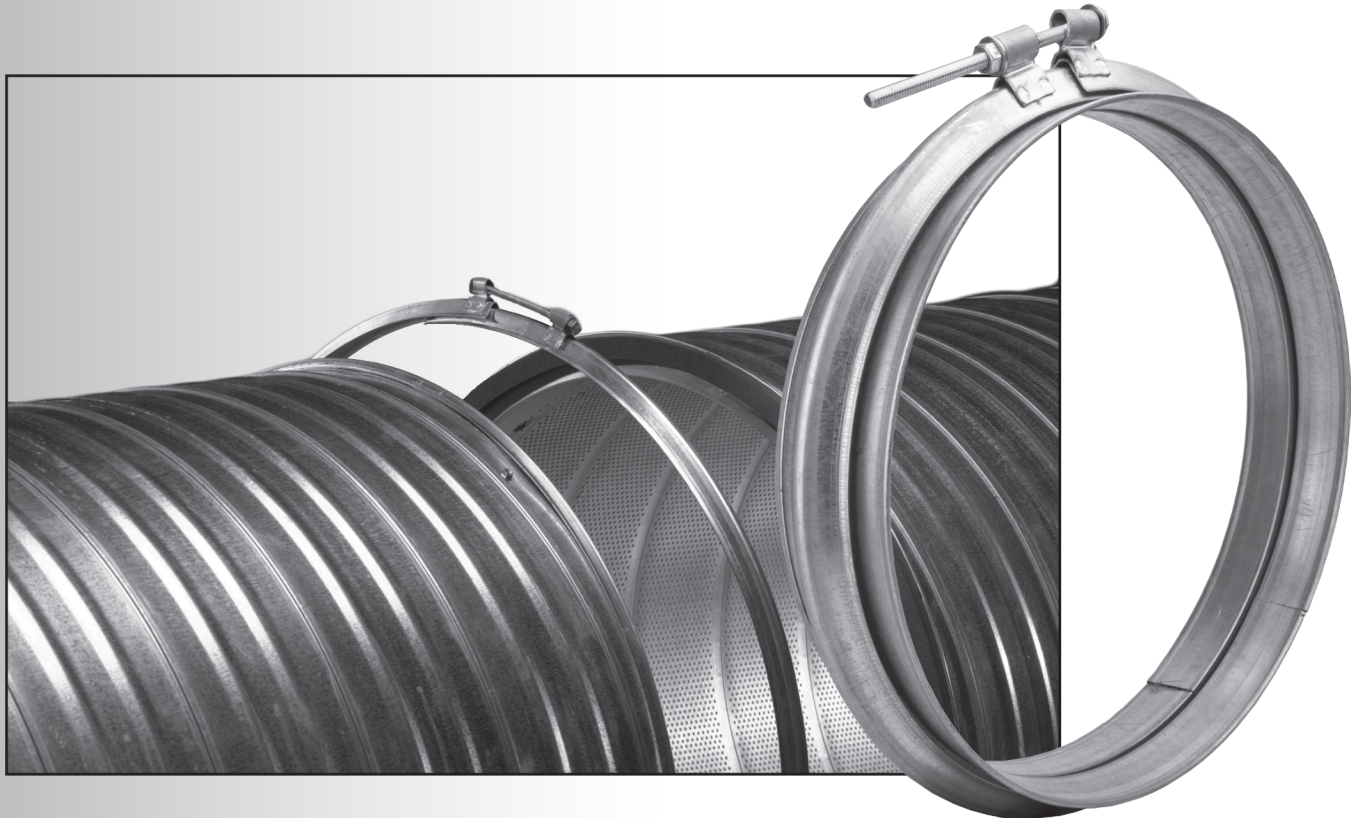


Spiralmate®



Spiralmate Round Duct Connection System

Superior Installation Speed, Versatility, Airtight Integrity and Aesthetics

- Considerably less overall cost than light gauge angle rings
- Eliminates sealant costs and the associated labor
- One piece seamless connector clamp eliminates unsightly screws between connections, is used as an architectural feature, plus it is safer and easier to install
- Strong, split ring design “adjusts” to fit duct and fitting diameter variations
- Available in two profile sizes and virtually any alloy to fit duct ranging from 8” to over 100” diameters
- Replaces welding on gored fittings and allows elbows to be fully adjustable
- New Press-on Inner ring makes double wall duct systems a snap



DUCTMATE®
Industries, Inc.

DESCRIPTION

A 3 piece round connector system consisting of 2 precision roll-formed mating flanged rings injected with specially formulated 5511M integral mastic designed to seal on contact with the duct-wall. A specialized high density neoprene gasket is used to seal the mating flanges and the connection is completed with a one piece precision roll formed connector clamp with a specially designed adjustable single point fastener that fits effortlessly around the two mating flanged rings. For mining or unique application an alternative "Ventmate" connector clamp with the same high quality neoprene gasket embedded into it can be used. Consult factory for Ventmate applications.

BASIC USE

The Spiralmate Round Duct Connector was developed to provide a strong and leak free connection without the use of duct sealants.

SPECIAL CHARACTERISTICS

The Spiramate System is a self-contained connector system that was specially developed to simplify and lower the installed cost of round duct systems compared to light gauge angle rings and traditional couplers. By eliminating the need for external sealant, fasteners at the joint along with the additional manpower associated with other connections, the Spiramate can be installed and connected by one person in a fraction of the time it takes for two or more workers to complete other round connections.

Flange Steel:	Hot dipped galvanized steel
Closure Ring Steel:	Hot dipped galvanized steel
Mastic:	DM5511M
Gasket:	Ductmate 440 and Ductmate Neoprene

LIMITATIONS

The Spiralmate Small Profile Round Duct Connector is not recommended for applications with spiral duct gauges heavier than 20 GA or lighter than 28 GA.

The Spiralmate Large Profile Round Duct Connector is not recommended for applications with spiral duct gauges heavier than 16 GA or lighter than 28 GA.

Both Spiralmate Profiles will accept 12 GA longitudinal duct seam.

Some duct manufacturers may weld on the seams to keep them from falling apart once the duct is manufactured. These welds may need to be ground down so they can fit the pocket, this will not compromise the duct seam as long as the spiral flanges are attached just after grinding.

PACKAGING INFORMATION

The Spiralmate Round Duct Connector system consists of the following components:

- Two mating Round Duct Connector Flanges with an integral mastic in the duct receiving pocket.
- A Closure Ring roll-formed from hot dipped galvanized steel.

Quick Ship Program

- 50 pieces or less ships in 24 hrs, if entered before Noon
- If after Noon; ships in 48 hrs
- Sizes 8" - 44" **Galvanized Only**

