

ROUND SPIRAL DUCT & FITTINGS

Omni Spiral Duct is made with air-tight spiral 4-ply lock seam construction, available in galvanized G90 steel, cold rolled steel, stainless steel & aluminum in accordance with 2005 SMACNA HVAC Duct Construction Standards

- Omni Round Spiral Duct & Fittings meet ASTM-A653-96 standards
- Furnished with coupling slip-joint connections unless otherwise specified
- All fitting ends will insert a minimum of 2" inside the mating duct
- Seam construction will be spot-welded on 1" centers unless otherwise specified
- If specified, a protective seam sealer formulated for bonding metal will be applied
- Standard (Type S) - A smooth, high-strength duct. Provides a combination of high strength and economy, plus the lowest friction loss available
- Semi-Ribbed (Type SR) - Offers a reinforcing corrugation for added strength

SPIRAL DUCT CONSTRUCTION

POSITIVE 2-10 W.G. STATIC PRESSURE		
DUCT DIAMETER	SPIRAL SEAM GAUGE	LONGITUDINAL SEAM GAUGE
3" - 14"	28	28
15" - 18"	26	26
19" - 24"	26	24
26" - 42"	24	22
44" - 60"	22	20
62" - 66"	22	18
68" - 84"	20	18

Note: Above gauges are minimums. To enhance product quality, OMNIDUCT reserves the right to increase gauges.

SPIRAL OPTIONS

ALTERNATIVE JOINT CONNECTORS*

- ☐ DURA FLANGE
- ☐ ANGLE RINGS
- ☐ SPIRALMATE

FITTING OPTIONS

ALTERNATIVE SEAM CONSTRUCTION*

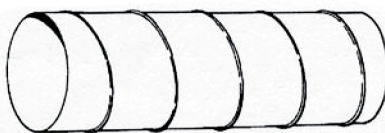
- ☐ SEAM WELDED
- ☐ SNAP-LOCK

SEAM SEALANT AVAILABLE*

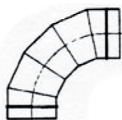
- ☐ SEAL OUTSIDE
- ☐ SEAL INSIDE

*Note: Check to indicate variations from standard

LAST MODIFIED: 06/25/20



SPIRAL DUCT



**90° 5-GORE
ELBOW**



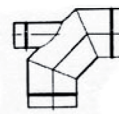
**60° 3-GORE
ELBOW**



**45° 3-GORE
ELBOW**



**30° 2-GORE
ELBOW**



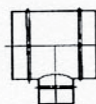
**90° HEEL-TAPPED
ELBOW**



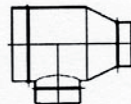
**90° MITERED
ELBOW W/VANES**



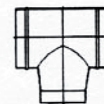
**22.5° 2-GORE
ELBOW**



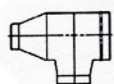
STRAIGHT TEE



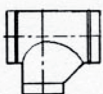
**STRAIGHT
REDUCING TEE**



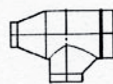
CONICAL TEE



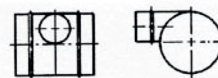
**CONICAL
REDUCING TEE**



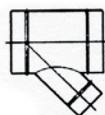
LoLoss TEE



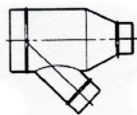
**LoLoss
REDUCING TEE**



TANGENTIAL TEE



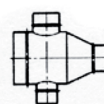
45° LATERAL



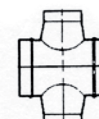
**45° REDUCING
LATERAL**



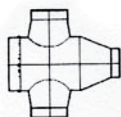
**STRAIGHT 90°
CROSS**



**STRAIGHT 90°
REDUCING CROSS**



**CONICAL 90°
CROSS**



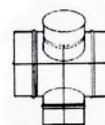
**CONICAL 90°
REDUCING CROSS**



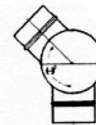
**LoLoss 90°
CROSS**



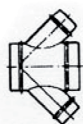
**LoLoss 90°
REDUCING CROSS**



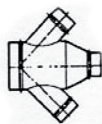
**STRAIGHT 90° CROSS
0° ANGLE BETWEEN TAPS**



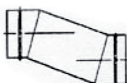
**BULLHEAD TEE
WITH VANES**



**45° LATERAL
CROSS**



**45° REDUCING
LATERAL CROSS**



OFFSET



Y-BRANCH



**REDUCING
Y-BRANCH**