



Single-Wall Aluminum Round – 2005 SMACNA Standards

Positive Pressure to 2"

Standard Gauge Chart

Concealed Duct

Diameter	Spiral Pipe	Spiral Profile	Longseam Pipe/Fittings	Standard Length
3" – 9"	0.032	Flat	0.040	10' – 0"
10" – 26"	0.032	Flat	0.040	10' – 0"
27" – 36"	0.040	Flat	0.050	10' – 0"
37" – 50"	0.050	Corrugated	0.063	10' – 0"
51" – 60"	0.063	Corrugated	0.071	10' – 0"
61" – 84"	0.063	Corrugated	0.090	10' – 0"

Exposed Duct

Diameter	Spiral Pipe	Spiral Profile	Longseam Pipe/Fittings	Standard Length
3" – 9"	0.032	Flat	0.040	8' – 0"
10" – 26"	0.032	Corrugated	0.040	8' – 0"
27" – 36"	0.040	Corrugated	0.050	8' – 0"
37" – 50"	0.050	Corrugated	0.063	8' – 0"
51" – 60"	0.063	Corrugated	0.071	8' – 0"
61" – 84"	0.063	Corrugated	0.090	8' – 0"

Standard fittings to be spot welded and sealed. Continuously welded seam fittings are available if specified. All PCD and SPOT AgION fittings are riveted and sealed.

Available Materials

3003 Aluminum

Connectors

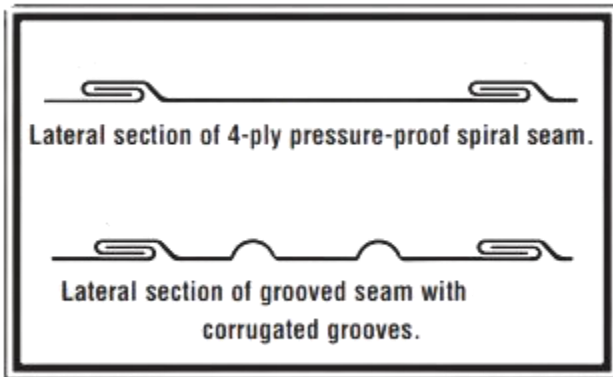
Standard Slip-fit/Couplings

SPOT Flange™

Angle Rings

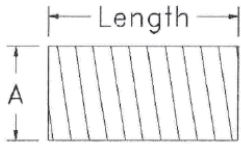
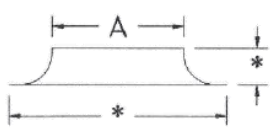


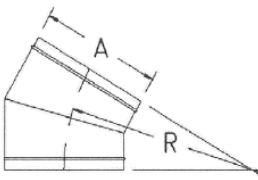
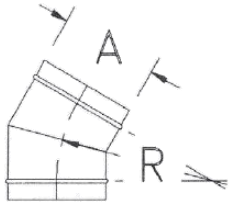
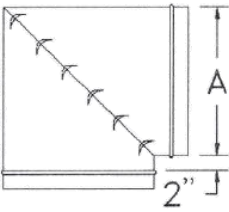
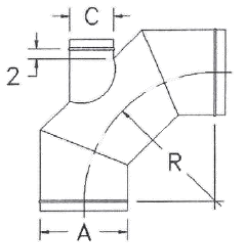
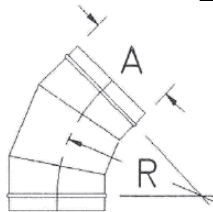
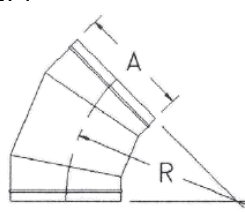
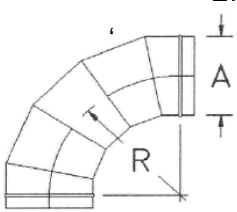
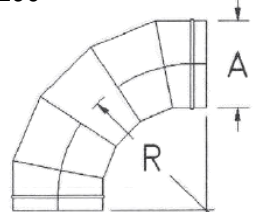
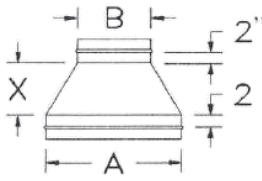
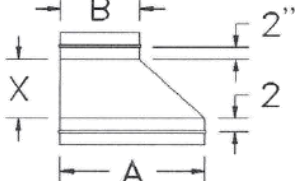
½" Weld Flange

Spiral Profiles

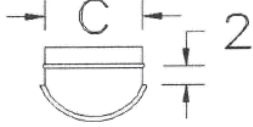
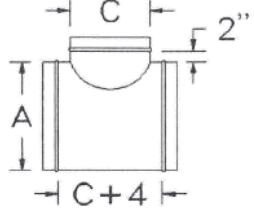
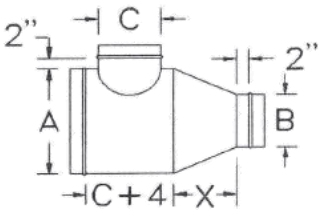
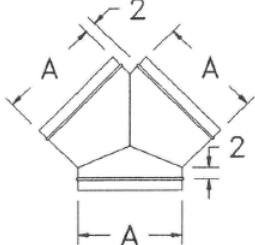
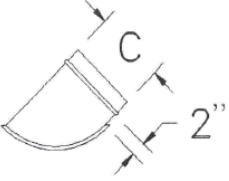
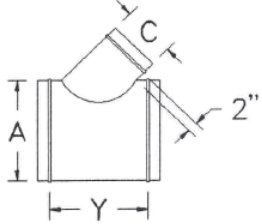
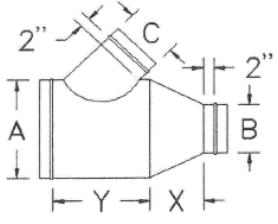
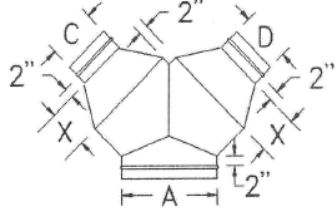
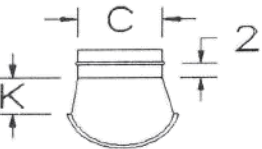
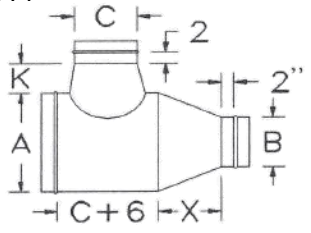
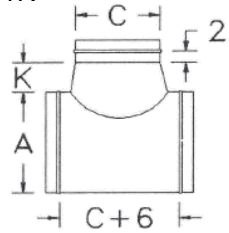
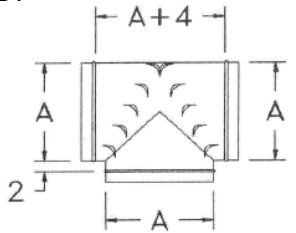
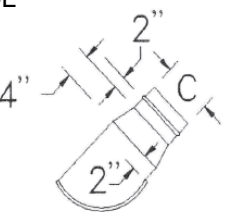
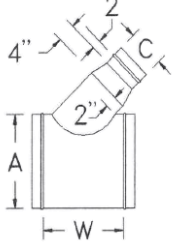
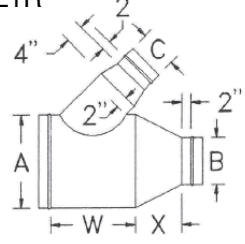
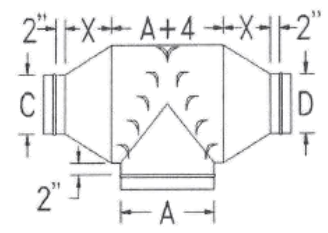
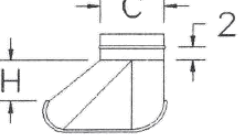
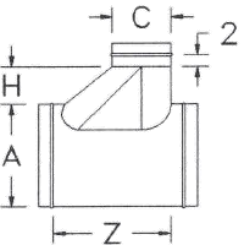
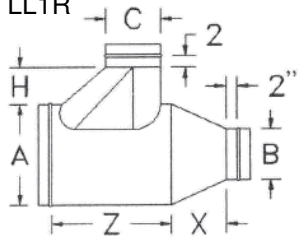
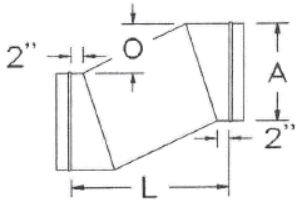


Spiral Pipe of Texas products are manufactured in accordance with the latest SMACNA, ASHRAE, and SPIDA standards. In an on-going effort to improve our products, Spiral Pipe of Texas reserves the right to revise the design and/or specifications of its products as technology advances or applicable standards change.

Single-Wall Round Spiral Pipe and Fitting Standards

Dimensions			
A = Inlet B = Outlet C = Branch D = Branch H = 3" if C = 3" to 8" 6" if C = 9" to 16" 9" if C = 17" to 24" 12" if C = 25" & Up		K = 5 1/4" L = Offset Length O = Offsetting Amount R = 1.5 x A S = 2 T = A/4 + 2 U = A x 2 + 2	
		$V = (A/2 \times 1.414) + ((C + 2)/2) + 6$ $W = (C + 2) \times 1.414 + 4$ $X = A - B$ (with 4" minimum) $Y = (1.414 \times C) + 4$ $Z = C + H + 4$ * = Consult Factory	
SP	B1	PP	FF
			
Spiral Pipe	Bellmouth	Couplings	Caps & Plug
E1 Thru E36		EV90	
 <p>A = 3" Thru 24"</p>	 <p>A = Greater than 24"</p>	 <p>A = 3" Thru 60"</p>	 <p>A = Greater than 60"</p>
2 Gore Elbows		Mitered Elbow	Elbow w/ Tap
E37 Thru E71		E72 Thru E90	
 <p>A = 3" Thru 24"</p>	 <p>A = Greater than 24"</p>	 <p>A = 3" Thru 24"</p>	 <p>A = Greater than 24"</p>
3 Gore Elbows		5 Core Elbows	
R1	ER1		
			
Reducers			

Single-Wall Round Spiral Pipe and Fitting Standards

LT 	T1 	T1R 	Y2 
Straight 90 Degree Tees			"Y" Fitting
LL 	L1 	L1R 	Y2R 
45 Degree Lateral Tees			Reducing "Y" Fitting
LCT 	CT1 	CT1R 	BT 
Conical 90 Degree Tees			Bullhead Tee
LCL 	CL1 	CL1R 	BTR 
Conical 45 Degree Lateral Tees			Reducing Bullhead
LLL 	LL1 	LL1R 	SET 
Low Loss 90 Degree Tees			Offset