



Single-Wall Round – 2005 SMACNA Standards

Negative Pressure 2" – 4"

Standard Gauge Chart

Negative 2" W.G.

Diameter	Spiral Pipe	Stiffner/Spacing	Spiral Profile	Longseam Pipe/Fittings	Stiffner/Spacing
3" – 11"	26	NR	Flat	24	NR
12" – 13"	26	NR	Flat	24	NR
14" – 15"	26	NR	Flat	24	NR
16" – 17"	26	NR	Flat	24	NR
18" – 28"	26	A/20	Flat	24	A/20
30" – 34"	26	A/20	Corrugated	22	A/20
36" – 40"	24	A/20	Corrugated	22	A/20
42" – 46"	24	A/20	Corrugated	22	A/20
48" – 52"	22	B/20	Corrugated	20	B/20
54" – 58"	22	B/20	Corrugated	20	B/20
60" – 64"	22	B/20	Corrugated	20	B/20
66" – 76"	20	C/20	Corrugated	18	C/20
78" – 82"	20	D/20	Corrugated	18	D/20
84" – 88"	20	E/20	Corrugated	18	E/20
90" – 92"	20	E/20	Corrugated	18	E/20

Stiffner Sizing:

NR = Not Required; A = 1 x 1 x 1/8; B = 1 - 1/4 x 1 - 1/4 x 3/16; C = 1 - 1/2 x 1 - 1/2 x 3/16; D = 1 - 1/2 x 1 - 1/2 x 1/4; E = 2 x 2 x 3/16; F = 2 x 2 x 1/4; G = 3 x 3 x 1/4

Negative 4" W.G.

Diameter	Spiral Pipe	Stiffner/Spacing	Spiral Profile	Longseam Pipe/Fittings	Stiffner/Spacing
3" – 11"	26	NR	Flat	24	NR
12" – 13"	26	NR	Flat	24	NR
14" – 15"	24	NR	Flat	22	NR
16" – 17"	24	NR	Flat	22	NR
18" – 28"	24	A/20	Flat	22	A/20
30" – 34"	22	A/20	Corrugated	20	A/20
36" – 40"	22	B/20	Corrugated	20	B/20
42" – 46"	22	B/20	Corrugated	18	B/20
48" – 52"	20	B/20	Corrugated	18	B/20
54" – 58"	20	C/20	Corrugated	18	C/20
60" – 64"	20	D/20	Corrugated	18	D/20
66" – 76"	18	E/20	Corrugated	16	E/20
78" – 82"	18	E/20	Corrugated	16	E/20
84" – 88"	18	F/20	Corrugated	16	F/20
90" – 92"	18	E/12	Corrugated	16	E/12

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.



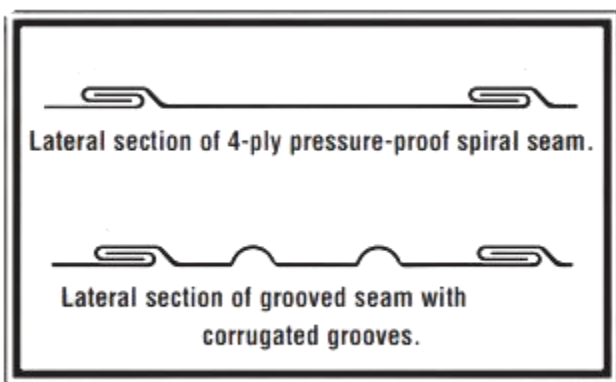
Available Materials

G90 Galvanized
Phosphatized (Galvanneal)
304 Stainless Steel
316 Stainless Steel
PCD (Polyvinyl Coated Galvanized)
3003 Aluminum
SPOT AgION™ (Antimicrobial)
Black Iron – **LONGSEAM ONLY**

Connectors

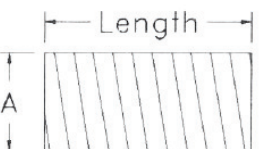
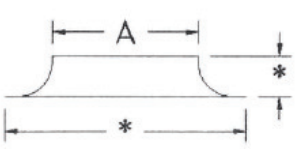

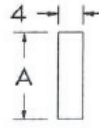

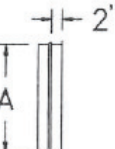

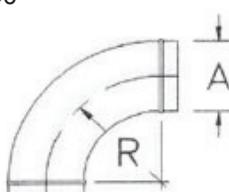
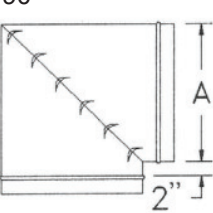
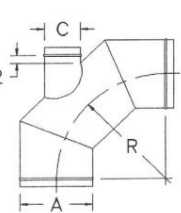
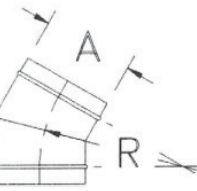
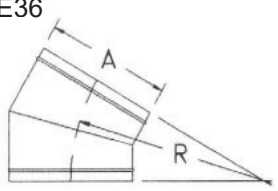
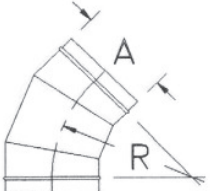
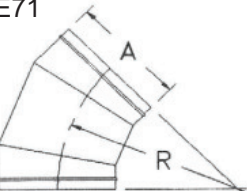
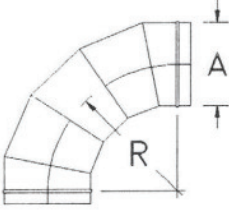
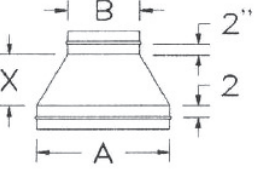
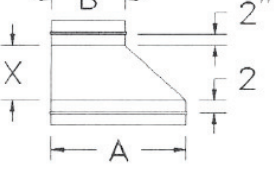
Standard Slip-fit/Couplings
SPOT Flange™
Angle Ring
½" Weld Flange

Spiral Profiles

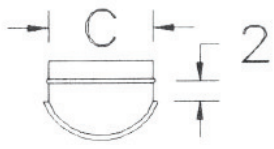
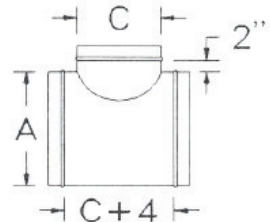
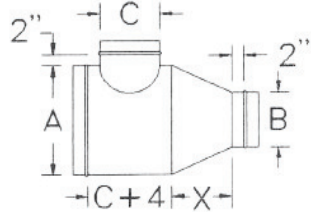
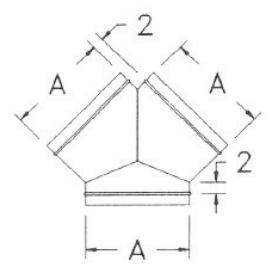
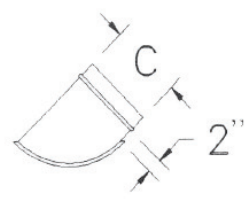
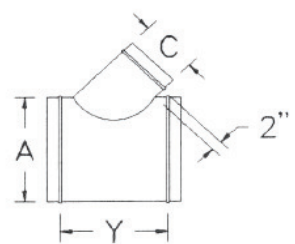
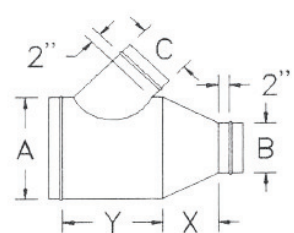
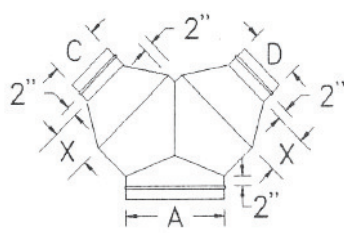
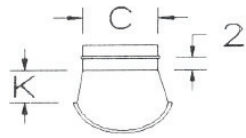
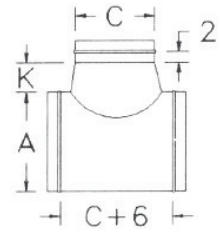
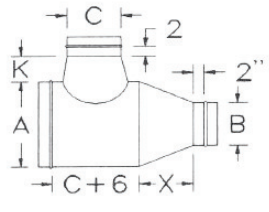
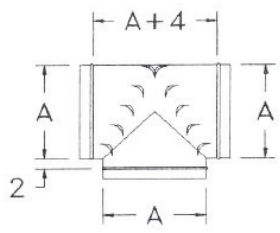
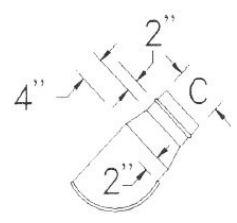
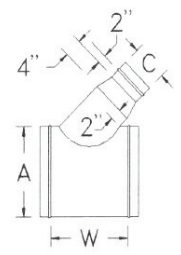
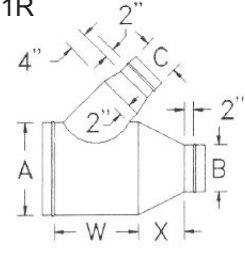
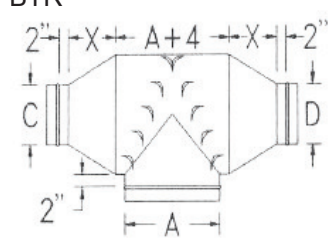
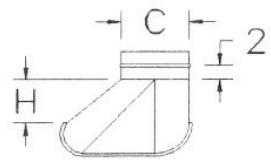
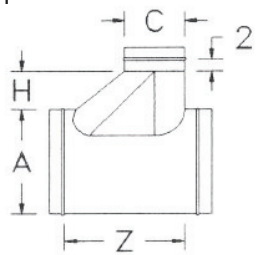
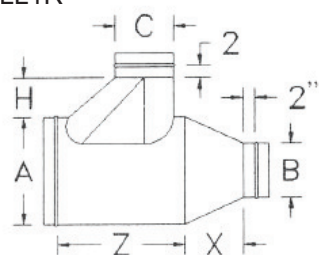
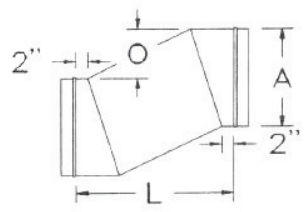


Spiral Pipe of Texas products are manufactured in accordance with the latest SMACNA, ASHRAE, and SPIDA standards. In an on-going effort to improve our products, Spiral Pipe of Texas reserves the right to revise the design and/or specifications of its products as technology advances or applicable standards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

Single-Wall Round Spiral Pipe and Fitting Standards

Dimensions			
A = Inlet Size B = Outlet Size C = Branch Size D = Branch Size 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 x 1.414) + ((C + 2)/2) + 6 W = (C + 2) x 1.414 + 4 X = A - B (with 4" minimum) Y = (1.414 x C) + 4 Z = C + H + 4 * = Consult Factory	
SP	B1	PP	FF
			
			
Spiral Pipe	Bellmouth	Couplings	Caps & Plug
SE45	SE90	EV90	ET90
			
A = 3" Thru 12"	A = 3" Thru 12"	A = 3" Thru 60"	A = 3" Thru 60"
Stamped Elbows	Mitered Elbow	Elbow w/ Tap	
E1 Thru E36	E37 Thru E71		
			
A = 3" Thru 24"	A = Greater than 24"	A = 3" Thru 24"	A = Greater than 24"
2 Gore Elbows	3 Gore Elbows		
E72 Thru E90	R1	ER1	
			
A = 3" Thru 24"	A = Greater than 24"		
5 Core Elbows	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 Tee
LLL 	LL1 	LL1R 	SET 
Low Loss 90 Degree Tees			Offset