



## Single-Wall Round – 2005 SMACNA Standards

### Negative Pressure 6” – 10”

#### Standard Gauge Chart

##### Negative 6” W.G.

Diameter	Spiral Pipe	Stiffner/Spacing	Spiral Profile	Longseam Pipe/Fittings	Stiffner/Spacing
3” – 7”	26	NR	Flat	24	NR
8” – 9”	26	NR	Flat	24	NR
10” – 11”	26	NR	Flat	24	NR
12” – 13”	24	NR	Flat	24	NR
14” – 15”	24	NR	Flat	24	NR
16” – 17”	24	A/20	Flat	22	A/20
18” – 21”	24	A/20	Flat	22	A/20
22” – 23”	24	A/20	Flat	20	A/20
24” – 28”	22	A/20	Flat	20	A/20
30” – 34”	22	A/20	Corrugated	18	A/20
36” – 46”	20	B/20	Corrugated	18	B/20
48” – 52”	20	B/12	Corrugated	18	B/12
54” – 58”	20	B/12	Corrugated	18	B/12
60” – 64”	20	B/12	Corrugated	18	B/12
66” – 70”	18	E/12	Corrugated	16	E/12
72” – 76”	18	E/12	Corrugated	16	E/12
78” – 82”	18	E/12	Corrugated	16	E/12
84” – 88”	18	F/12	Corrugated	16	F/12
90” – 92”	18	F/10	Corrugated	16	F/10

##### 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 10” W.G.

Diameter	Spiral Pipe	Stiffner/Spacing	Spiral Profile	Longseam Pipe/Fittings	Stiffner/Spacing
3” – 7”	26	NR	Flat	24	NR
8” – 9”	26	NR	Flat	24	NR
10” – 11”	26	NR	Flat	24	NR
12” – 13”	24	NR	Flat	22	NR
14” – 15”	22	NR	Flat	20	NR
16” – 17”	22	NR	Flat	20	NR
18” – 21”	22	A/20	Flat	20	A/20
22” – 23”	22	A/20	Flat	18	A/20
24” – 28”	20	A/20	Flat	18	A/20
30” – 34”	20	B/20	Corrugated	18	B/20
36” – 46”	18	C/20	Corrugated	16	C/20
48” – 52”	18	E/20	Corrugated	16	C/12
54” – 58”	18	E/20	Corrugated	16	D/12
60” – 64”	18	E/12	Corrugated	16	E/12
66” – 70”	18	E/12	Corrugated	16	E/10
72” – 76”	18	E/10	Corrugated	16	E/10
78” – 82”	18	E/6	Corrugated	16	E/6
84” – 88”	18	E/6	Corrugated	16	E/6
90” – 92”	18	F/6	Corrugated	16	F/6



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.

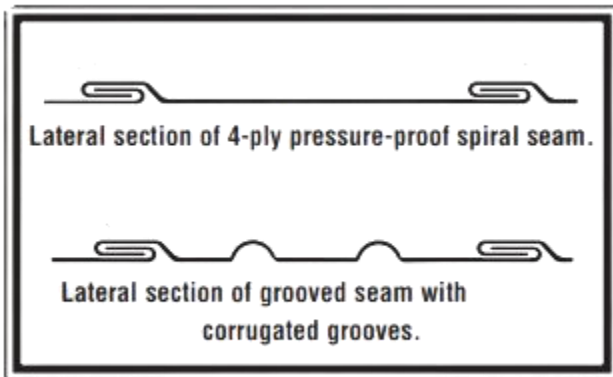
#### Available Materials

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

#### Connectors

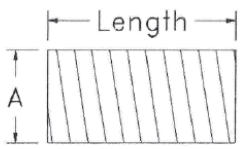
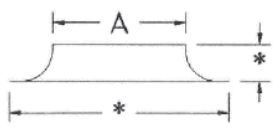
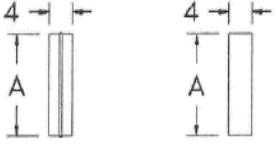
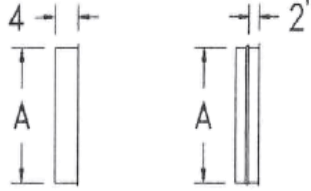
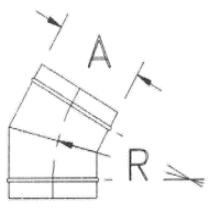
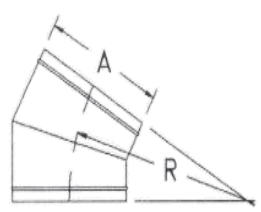
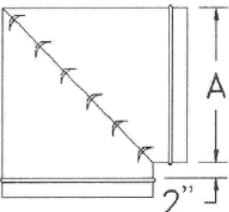
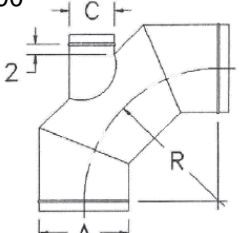
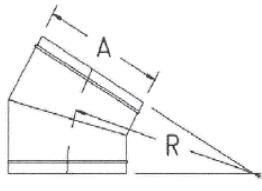
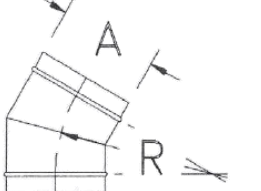
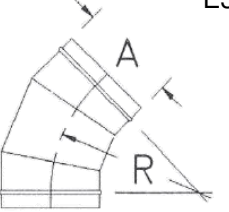
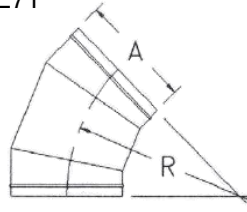
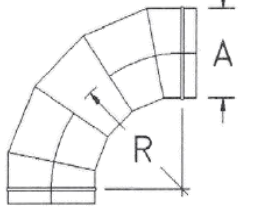
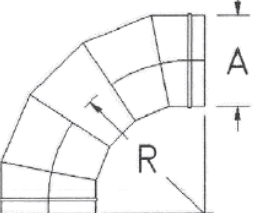
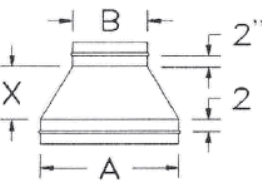
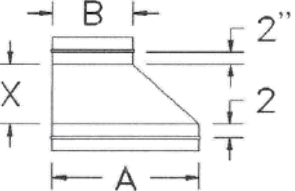
Standard Slip-fit/Couplings  
SPOT Flange™  
Angle Ring  
½" Weld Flange

#### Spiral Profiles

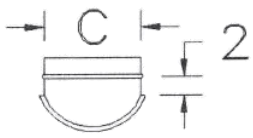
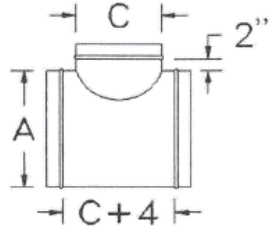
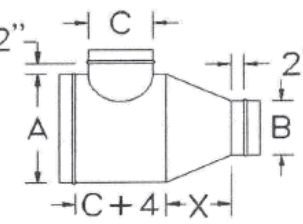
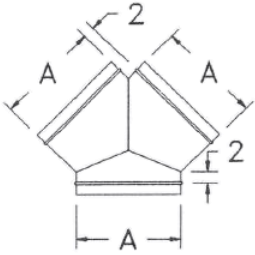
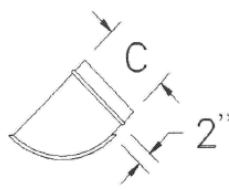
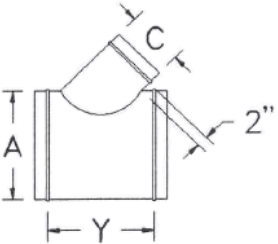
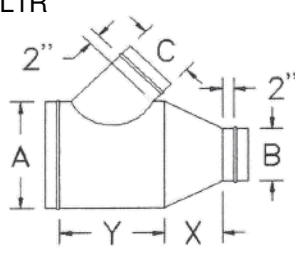
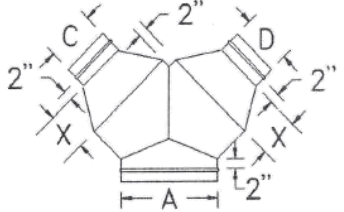
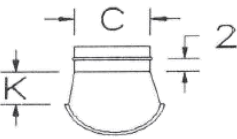
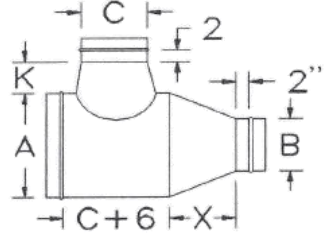
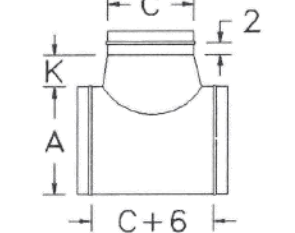
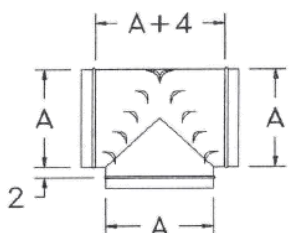
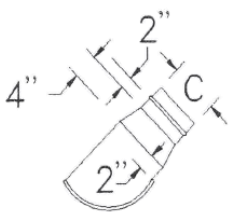
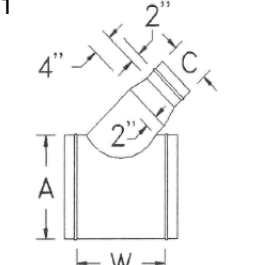
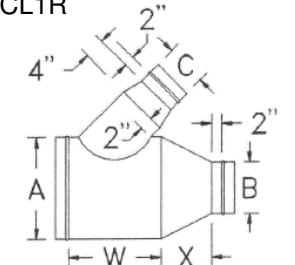
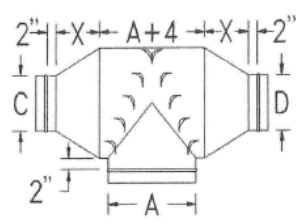
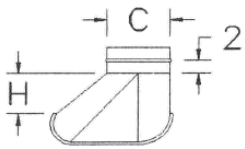
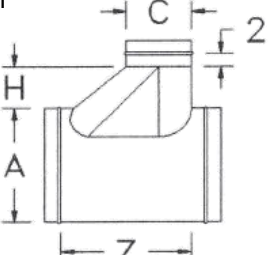
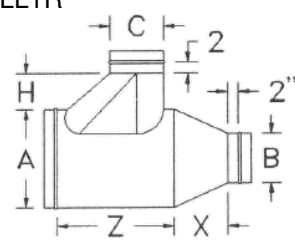
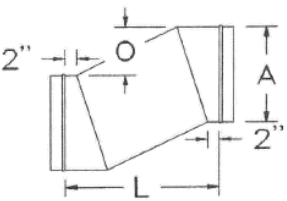


Spiral Pipe of Texas products are manufactured in accordance with the latest SMACNA, ASHRAE, and SPIDA standards. In an on-going effort to improve our products, Spiral Pipe of Texas reserves the right to revise the design and/or specifications of its products as technology advances or applicable standards 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	$V = (A/2 \times 1.414) + ((C + 2)/2) + 6$ $W = (C + 2) \times 1.414 + 4$ $X = A - B$ (with 4" minimum) $Y = (1.414 \times C) + 4$ $Z = C + H + 4$ * = Consult Factory	
SP	B1	PP      FF	EC      EP
			
Spiral Pipe	Bellmouth	Couplings	Caps & Plug
SE45	SE90	EV90	ET90
			
<b>A = 3" Thru 12"</b>	<b>A = 3" Thru 12"</b>	<b>A = 3" Thru 60"</b>	<b>A = 3" Thru 60"</b>
Stamped Elbows		Mitered Elbow	Elbow w/ Tap
E1 Thru E36	E37 Thru E71	E37 Thru E71	E37 Thru E71
			
<b>A = 3" Thru 24"</b>	<b>A = Greater than 24"</b>	<b>A = 3" Thru 24"</b>	<b>A = Greater than 24"</b>
2 Gore Elbows		3 Gore Elbows	
E72 Thru E90	E91	R1	ER1
			
<b>A = 3" Thru 24"</b>	<b>A = Greater than 24"</b>		
5 Core Elbows		Reducers	

### Single-Wall Round Spiral Pipe and Fitting Standards

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