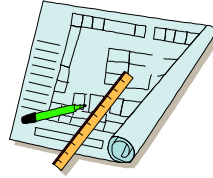


Wm. H. Brady, Inc.

P.O. Box 36
Elkton, MD 21922-0036
www.wmhbrady.com



Phone: 410-398-4770
Fax: 410-392-6165
e-mail: sales@wmhbrady.com

ROUND SPIRAL DUCT UNREINFORCED POSITIVE PRESSURE			
DIAMETER	2" POS.	4" POS.	10" POS.
3 - 14"	26 GA	26 GA	26 GA
15 - 16"	26 GA	24 GA	24 GA
17 - 26"	26 GA	24 GA	24 GA
27 - 36"	24 GA	22 GA	22 GA
37 - 50"	22 GA	20 GA	20 GA
51 - 60"	20 GA	18 GA	18 GA
61 - 84"	18 GA	18 GA	18 GA

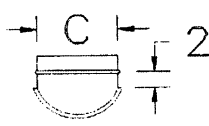
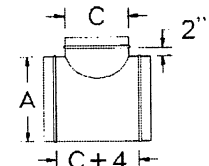
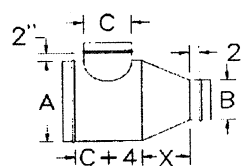
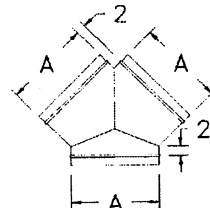
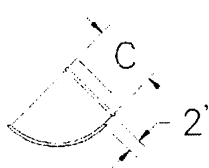
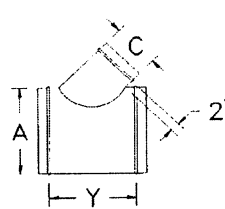
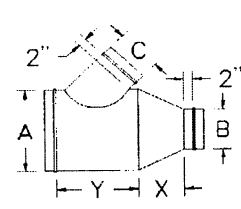
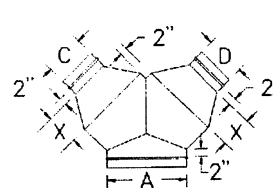
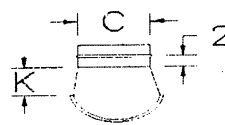
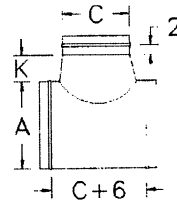
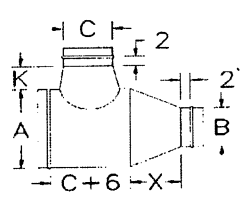
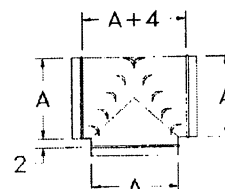
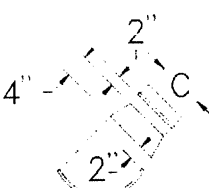
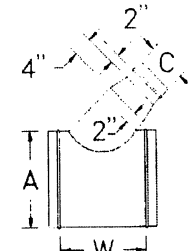
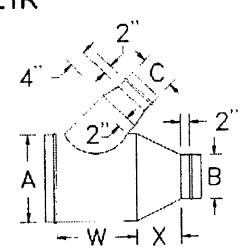
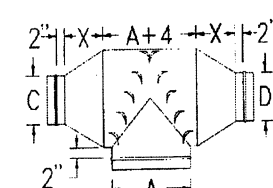
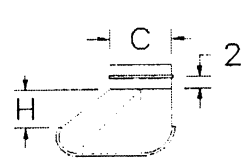
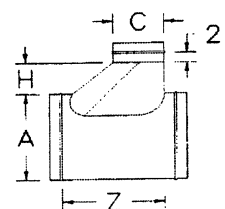
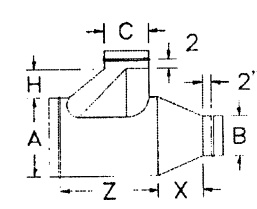
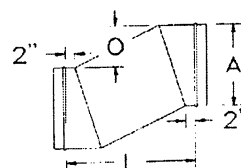
RECOMMENDED METAL THICKNESS AND REINFORCEMENT FOR SINGLE WALL SPIRAL UNDER NEGATIVE PRESSURE W.G.			
DIAMETER	2" NEG.	3 - 4" NEG.	5 - 10" NEG.
3 - 11"	26 GA	26 GA	26 GA
12 - 13"	26 GA	26 GA	24 GA
14"	26 GA	24 GA	24 GA
15 - 19"	24 GA	24 GA	22 GA
20 - 22"	24 GA	22 GA	22 GA
23 - 24"	22 GA	22 GA	20 GA
25 - 26"	22 GA	20 GA	20 GA
27 - 30"	22 GA	20 GA	18 GA
31 - 36"	20 GA	20 GA	18 GA
37 - 42"	20 GA	18 GA	18 GA A/R 12' ON CTR
43 - 48"	20 GA	18 GA	18 GA A/R 6' ON CTR
52 - 60"	18 GA	18 GA A/R 6' ON CTR	18 GA A/R 6' ON CTR

Schedule is for spiral duct only. In order to maintain the pressure class, all fittings will be fabricated from a metal gauge 2 gauges heavier than the adjoining spiral duct. Flange connections are considered as reinforcement.

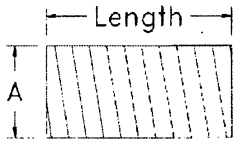
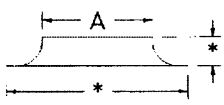
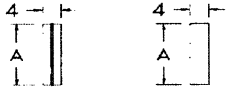
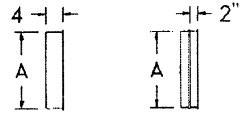
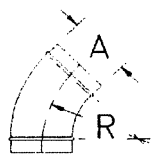
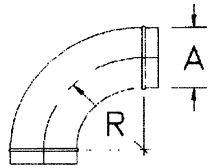
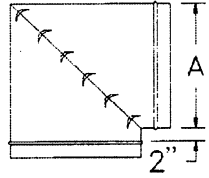
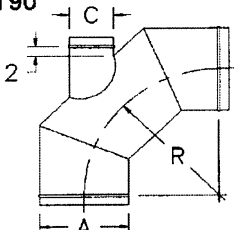
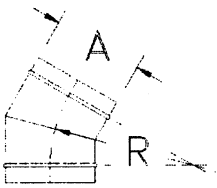
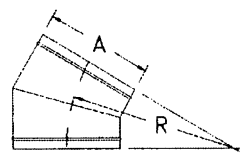
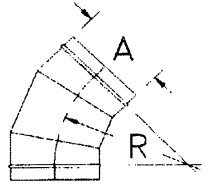
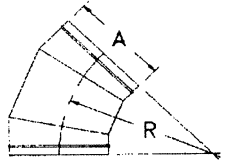
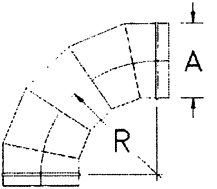
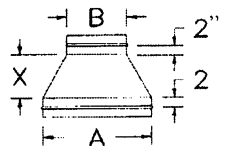
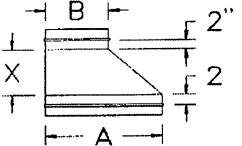
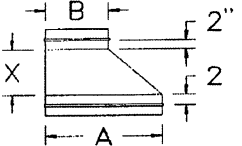
Standard joint for spiral duct is slip connection. As alternatives, we offer the following connections:

Ductmate Spiralmate Flange
Kirk and Blum Angle Rings
Accuflange Round and Oval Dcut Connector
Ward Industries Keating Coupling

Single Wall Round Spiral Pipe and Fitting Standards

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

Single Wall Round Spiral Pipe and Fitting Standards

SP	B1	PP	FF EC EP																								
		 <p style="text-align: center;">PIPE TO PIPE FITTING TO FITTING</p>	 <p style="text-align: center;">END CAP END PLUG</p>																								
Spiral Pipe	Bellmouth	Couplings	Caps & Plugs																								
SE45	SE90	EV90	ET90																								
 <p style="text-align: center;">A = 3" Thru 10"</p>	 <p style="text-align: center;">A = 3" Thru 10"</p>	 <p style="text-align: center;">A = 3" Thru 60"</p>	 <p style="text-align: center;">A = 3" Thru 60"</p>																								
Stamped Elbows		Mitered Elbow	Elbow w/ Tap																								
E1 Thru E36	E37 Thru E71	E37 Thru E71	E37 Thru E71																								
 <p style="text-align: center;">A = 3" Thru 24"</p>	 <p style="text-align: center;">A = Greater than 24"</p>	 <p style="text-align: center;">A = 3" Thru 24"</p>	 <p style="text-align: center;">A = Greater than 24"</p>																								
2 Gore Elbows		3 Gore Elbows																									
E72 Thru E90	R1	ER1	ER1																								
 <p style="text-align: center;">A = 3" Thru 24"</p>																											
5 Gore Elbows		Reducers																									
<p>Dimensions:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">A = Inlet Size</td> <td style="width: 33%;">K = 5 1/4"</td> <td style="width: 33%;">V = (A/2x1.414)+((C+2)/2)+6</td> </tr> <tr> <td>B = Outlet Size</td> <td>L = Offset Length</td> <td>W = (C+2)x1.414+4</td> </tr> <tr> <td>C = Branch Size</td> <td>O = Offsetting Amount</td> <td>X = A - B (with 4" minimum)</td> </tr> <tr> <td>D = Branch Size</td> <td>R = 1.5 x A</td> <td>Y = (1.414xC) + 4</td> </tr> <tr> <td>H = 3" if C = 3" to 8"</td> <td>S = 2</td> <td>Z = C+H+4</td> </tr> <tr> <td>6" if C = 9" to 16"</td> <td>T = A/4+2</td> <td>* = Consult Factory</td> </tr> <tr> <td>9" if C = 17" to 24"</td> <td>U = Ax2+2</td> <td></td> </tr> <tr> <td>12" if C = 25" & Up</td> <td></td> <td></td> </tr> </table>				A = Inlet Size	K = 5 1/4"	V = (A/2x1.414)+((C+2)/2)+6	B = Outlet Size	L = Offset Length	W = (C+2)x1.414+4	C = Branch Size	O = Offsetting Amount	X = A - B (with 4" minimum)	D = Branch Size	R = 1.5 x A	Y = (1.414xC) + 4	H = 3" if C = 3" to 8"	S = 2	Z = C+H+4	6" if C = 9" to 16"	T = A/4+2	* = Consult Factory	9" if C = 17" to 24"	U = Ax2+2		12" if C = 25" & Up		
A = Inlet Size	K = 5 1/4"	V = (A/2x1.414)+((C+2)/2)+6																									
B = Outlet Size	L = Offset Length	W = (C+2)x1.414+4																									
C = Branch Size	O = Offsetting Amount	X = A - B (with 4" minimum)																									
D = Branch Size	R = 1.5 x A	Y = (1.414xC) + 4																									
H = 3" if C = 3" to 8"	S = 2	Z = C+H+4																									
6" if C = 9" to 16"	T = A/4+2	* = Consult Factory																									
9" if C = 17" to 24"	U = Ax2+2																										
12" if C = 25" & Up																											