

Oval Duct Specifications

9707 Williams Rd Thonotosassa, FL 33592

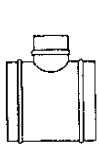
Tel: (813) 413 8230

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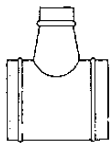
Toll free (877) CDS-Duct

Email: cdsllic@commercialduct.com

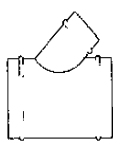
SINGLE WALL



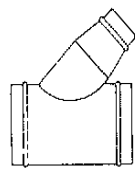
TEE



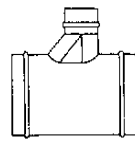
CONICAL TEE



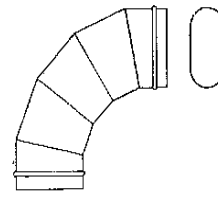
LATERAL



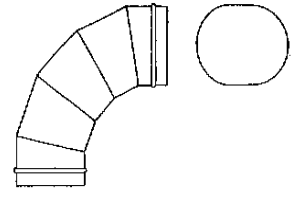
CONICAL LATERAL



COMBINATION TEE

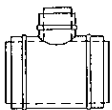


HARD BEND

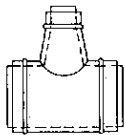


EASY BEND

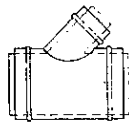
DUAL WALL



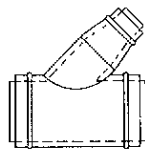
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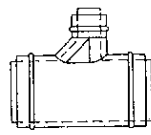
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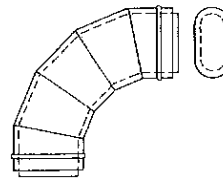
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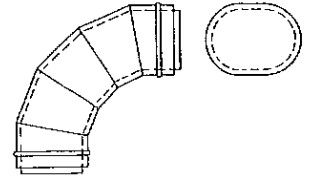
CONICAL LATERAL



COMBINATION TEE



HARD BEND



EASY BEND

CONSTRUCTION IN ACCORDANCE WITH SMACNA AND ASHRAE STANDARDS

Materials: All pipe and fittings shall be fabricated from G-90 Galvanized Steel meeting ASTM A-527. Dual Wall Insulation is 1" or 2" thick fiberglass with a thermal conductivity = 0.26 BTU in./hr Ft² Deg F.

Pipe: Pipe shall be spiral lock-seam construction on even sizes 8" – 74". Other sizes will be rolled longitudinal seam construction in 5' lengths. All dual wall liners are perforated or solid.

Fittings: Fitting liner shall be solid.

Elbows: Standard elbows have a (1.5 x diameter) centerline radius. Die-formed elbows, both 90 degree and 45 degree, are provided in sizes 4" – 10

Pressure: oval pipe and fittings are suitable for use on systems across a range of internal duct pressures from 10"SPWG positive.

Leakage: Leakage will not exceed ½ of 1% when field joints are adequately sealed.

Spiral Pipe and Fitting Gauges

Single Wall

Oval Size	Pipe Ga	Fitting Ga	Max-Pipe Length
8x11	24	20	10'
8x12	24	20	10'
8x14	24	20	10'
8x16	24	20	10'
8x17	24	20	10'
8x19	24	20	10'
8x21	24	20	10'
8x22	24	20	10'
8x24	24	20	10'
8x25	22	20	10'
8x27	22	20	10'
8x28	22	20	10'
8x30	22	20	10'
8x33	22	20	10'
8x36	22	20	10'
8x39	22	18	10'
8x43	22	18	10'
8x46	22	18	10'
8x49	20	18	10'
8x52	20	16	10'
8x55	20	16	10'
8x58	20	16	10'
8x61	20	16	10'
8x65	20	16	10'
8x68	20	16	10'
8x71	18	16	10'
8x74	18	16	10'
10x16	24	20	10'
10x18	24	20	10'
10x19	24	20	10'
10x21	24	20	10'
10x23	24	20	10'
10x24	24	20	10'
10x26	22	20	10'
10x27	22	20	10'
10x29	22	20	10'
10x32	22	20	10'
10x35	22	20	10'

Double wall

Pipe Shell Ga	Pipe Liner Ga	Fitting Shell Ga	Fitting Liner Ga
-	-	-	-
-	-	-	-
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
22	26	20	24
22	26	20	24
22	26	20	24
-	-	-	-
22	26	20	24
22	26	20	24
22	26	18	22
22	26	18	22
22	26	18	22
20	26	16	22
20	26	16	22
20	26	16	22
20	24	16	22
20	24	16	22
20	24	16	22
18	24	16	22
18	24	16	22
24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
22	26	20	24
22	26	20	24
-	-	-	-
22	26	20	24
22	26	20	24
22	26	18	22

10x38	22	18	10'
10x41	22	18	10'
10x45	22	18	10'
10x48	22	18	10'
10x51	20	16	10'
10x54	20	16	10'
10x57	20	16	10'
10x60	20	16	10'
10x63	20	16	10'
10x67	20	16	10'
10x70	20	16	10'
10x73	18	16	10'
10x76	18	16	10'
12x17	24	20	10'
12x18	24	20	10'
12x20	24	20	10'
12x21	24	20	10'
12x23	24	20	10'
12x25	22	20	10'
12x26	22	20	10'
12x28	22	20	10'
12x31	22	20	10'
12x34	22	20	10'
12x37	22	18	10'
12x40	22	18	10'
12x43	22	18	10'
12x47	22	18	10'
12x50	20	18	10'
12x53	20	16	10'
12x56	20	16	10'
12x59	20	16	10'
12x62	20	16	10'
12x65	20	16	10'
12x69	20	16	10'
12x72	18	16	10'
12x75	18	16	10'
14x17	24	20	10'
14x19	24	20	10'
14x20	24	20	10'
14x22	24	20	10'
14x23	24	20	10'

22	26	18	22
22	26	18	22
22	26	18	22
20	26	18	22
20	26	16	22
20	26	16	22
20	26	16	22
20	24	16	22
20	24	16	22
20	24	16	22
18	24	16	22
18	24	16	22
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18	24	16	22
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24	26	20	24
24	26	20	24
24	26	20	24
24	26	20	24
22	26	20	24

14x25	22	20	10'
14x27	22	20	10'
14x30	22	20	10'
14x33	22	20	10'
14x36	22	20	10'
14x39	22	18	10'
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14x49	20	18	10'
14x52	20	16	10'
14x55	20	16	10'
14x58	20	16	10'
14x61	20	16	10'
14x64	20	16	10'
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14x71	18	16	10'
14x74	18	16	10'
14x77	18	16	10'
16x18	24	20	10'
16x19	24	20	10'
16x20	24	20	10'
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16x38	22	18	10'
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16x60	20	16	10'
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16x69	20	16	10'
16x73	18	16	10'
16x76	18	16	10'
18x20	24	20	10'
18x21	24	20	10'

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18x22	24	20	10'
18x24	24	20	10'
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18x34	22	20	10'
18x37	22	18	10'
18x40	22	18	10'
18x43	22	18	10'
18x46	22	18	10'
18x49	20	18	10'
18x53	20	16	10'
18x56	20	16	10'
18x59	20	16	10'
18x62	20	16	10'
18x65	20	16	10'
18x68	20	16	10'
18x72	18	16	10'
18x75	18	16	10'
20x26	22	20	10'
20x29	22	20	10'
20x33	22	20	10'
20x36	22	20	10'
20x39	22	18	10'
20x42	22	18	10'
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20x48	22	18	10'
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