



## Single Wall Spiral Duct --- Weights & Area

Diameter	Pounds per Lineal Foot*						Surface Area Ft. <sup>2</sup> per Lineal Foot	Cross Sectional Area Ft. <sup>2</sup>
	26 ga.	24 ga.	22 ga.	20 ga.	18 ga.	16 ga.		
3 "Ø	0.87	1.10	1.35	1.63			0.785	0.049
4 "Ø	1.16	1.46	1.80	2.17			1.047	0.087
5 "Ø	1.45	1.83	2.25	2.71			1.309	0.136
6 "Ø	1.74	2.20	2.70	3.25	4.25	5.33	1.571	0.196
7 "Ø	2.03	2.56	3.15	3.80	4.96	6.22	1.833	0.267
8 "Ø	2.32	2.93	3.60	4.34	5.67	7.11	2.094	0.349
9 "Ø	2.61	3.30	4.05	4.88	6.38	7.99	2.356	0.442
10 "Ø	2.90	3.66	4.50	5.42	7.09	8.88	2.618	0.545
11 "Ø	3.19	4.03	4.95	5.97	7.80	9.77	2.880	0.660
12 "Ø	3.48	4.39	5.40	6.51	8.51	10.66	3.142	0.785
13 "Ø	3.77	4.76	5.85	7.05	9.21	11.55	3.403	0.922
14 "Ø	4.06	5.13	6.30	7.59	9.92	12.43	3.665	1.069
15 "Ø	4.35	5.49	6.75	8.14	10.63	13.32	3.927	1.227
16 "Ø	4.65	5.86	7.20	8.68	11.34	14.21	4.189	1.396
18 "Ø	5.23	6.59	8.10	9.76	12.76	15.99	4.712	1.767
19 "Ø	5.52	6.96	8.55	10.31	13.47	16.88	4.974	1.969
20 "Ø	5.81	7.32	9.00	10.85	14.18	17.76	5.236	2.182
21 "Ø	6.10	7.69	9.45	11.39	14.88	18.65	5.498	2.405
22 "Ø	6.39	8.06	9.90	11.93	15.59	19.54	5.760	2.640
23 "Ø	6.68	8.42	10.35	12.48	16.30	20.43	6.021	2.885
24 "Ø	6.97	8.79	10.80	13.02	17.01	21.32	6.283	3.142
25 "Ø	7.26	9.16	11.24	13.56	17.72	22.20	6.545	3.409
26 "Ø	7.55	9.52	11.69	14.10	18.43	23.09	6.807	3.687
28 "Ø	8.13	10.25	12.59	15.19	19.85	24.87	7.330	4.276
30 "Ø	8.71	10.99	13.49	16.27	21.26	26.65	7.854	4.909
32 "Ø	9.29	11.72	14.39	17.36	22.68	28.42	8.378	5.585
34 "Ø	9.87	12.45	15.29	18.44	24.10	30.20	8.901	6.305
36 "Ø	10.45	13.18	16.19	19.53	25.52	31.97	9.425	7.069
38 "Ø	11.03	13.92	17.09	20.61	26.93	33.75	9.948	7.876
40 "Ø	11.61	14.65	17.99	21.70	28.35	35.53	10.472	8.727
42 "Ø	12.19	15.38	18.89	22.78	29.77	37.30	10.996	9.621
44 "Ø	12.77	16.11	19.79	23.87	31.19	39.08	11.519	10.559
46 "Ø	13.36	16.85	20.69	24.95	32.60	40.86	12.043	11.541
48 "Ø	13.94	17.58	21.59	26.04	34.02	42.63	12.566	12.566
50 "Ø	14.52	18.31	22.49	27.12	35.44	44.41	13.090	13.635
52 "Ø	15.10	19.04	23.39	28.21	36.86	46.19	13.614	14.748
54 "Ø	15.68	19.78	24.29	29.29	38.27	47.96	14.137	15.904
56 "Ø	16.26	20.51	25.19	30.38	39.69	49.74	14.661	17.104
58 "Ø	16.84	21.24	26.09	31.46	41.11	51.51	15.184	18.348
60 "Ø	17.42	21.97	26.99	32.55	42.53	53.29	15.708	19.635
62 "Ø		22.71	27.89	33.63	43.94	55.07	16.232	20.966
64 "Ø		23.44	28.79	34.72	45.36	56.84	16.755	22.340
66 "Ø		24.17	29.69	35.80	46.78	58.62	17.279	23.758
68 "Ø		24.90	30.59	36.89	48.20	60.40	17.802	25.220
70 "Ø		25.64	31.49	37.97	49.61	62.17	18.326	26.725
72 "Ø		26.37	32.39	39.06	51.03	63.95	18.850	28.274
74 "Ø		27.10	33.28	40.14	52.45	65.73	19.373	29.867
76 "Ø		27.83	34.18	41.23	53.87	67.50	19.897	31.503
78 "Ø		28.57	35.08	42.31	55.28	69.28	20.420	33.183
80 "Ø		29.30	35.98	43.40	56.70	71.05	20.944	34.907
82 "Ø		30.03	36.88	44.48	58.12	72.83	21.468	36.674
84 "Ø		30.76	37.78	45.57	59.54	74.61	21.991	38.485
86 "Ø		31.50	38.68	46.65	60.95	76.38	22.515	40.339
88 "Ø		32.23	39.58	47.74	62.37	78.16	23.038	42.237
90 "Ø		32.96	40.48	48.82	63.79	79.94	23.562	44.179
92 "Ø		33.69	41.38	49.91	65.21	81.71	24.086	46.164

The RED highlighted blocks are SPOT's standard construction for SMACNA 0-10" WG Construction.

\* Nominal spiral ducts system weights are based upon the following: 1. 80% of duct surface area is spiral pipe versus 20% of duct surface area to be fittings  
2. fittings are one even gauge heavier than the spiral pipe