

Rectangular Lined Duct Data (1.5 pcf Liner) – English Units

**Table A5.1.3-1; Rectangular Lined Duct – 16 Gage Steel.
1.0 in. Thick; 1.5 pcf Liner**

Duct Width (in)	Duct Height (in)	Liner Weight (lb/ft)	Duct Area w/o Liner (ft ²)	Duct Area with Liner (ft ²)	Duct Weight (lb/ft)
28	28	1.16	5.4	4.7	24
30	30	1.24	6.3	5.4	26
42	42	1.74	12.3	11.1	36
54	54	2.24	20.3	18.8	46
60	60	2.49	25.0	23.4	51
84	84	3.49	49.0	46.7	72
96	96	3.99	64.0	61.4	82
40	20	1.24	5.6	4.8	26
54	28	1.70	10.5	9.4	35
60	30	1.86	12.5	11.3	38
84	42	2.61	24.5	22.8	54
96	48	2.99	32.0	30.0	61
108	54	3.36	40.5	38.3	69
120	60	3.74	50.0	47.5	77

RECTANGULAR LINED DUCT DATA (1.5 PCF LINER) – ENGLISH UNITS

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DOCUMENT:
A5.1.3



**Table A5.1.3-2; Rectangular Lined Duct – 16 Gage Steel.
1.5 in. Thick; 1.5 pcf Liner**

Duct Width (in)	Duct Height (in)	Liner Weight (lb/ft)	Duct Area w/o Liner (ft ²)	Duct Area with Liner (ft ²)	Duct Weight (lb/ft)
28	28	1.73	5.4	4.3	24
30	30	1.85	6.3	5.1	26
42	42	2.60	12.3	10.6	37
54	54	3.35	20.3	18.1	47
60	60	3.73	25.0	22.6	52
84	84	5.23	49.0	45.6	73
96	96	5.98	64.0	60.1	84
40	20	1.85	5.6	4.4	26
54	28	2.54	10.5	8.9	36
60	30	2.79	12.5	10.7	39
84	42	3.91	24.5	21.9	55
96	48	4.48	32.0	29.1	63
108	54	5.04	40.5	37.2	71
120	60	5.60	50.0	46.3	79

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**Table A5.1.3-3; Rectangular Lined Duct – 16 Gage Steel.
2.0 in. Thick; 1.5 pcf Liner**

Duct Width (in)	Duct Height (in)	Liner Weight (lb/ft)	Duct Area w/o Liner (ft ²)	Duct Area with Liner (ft ²)	Duct Weight (lb/ft)
28	28	2.29	5.4	4.0	25
30	30	2.46	6.3	4.7	27
42	42	3.46	12.3	10.0	38
54	54	4.46	20.3	17.4	48
60	60	4.96	25.0	21.8	54
84	84	6.96	49.0	44.4	75
96	96	7.96	64.0	58.8	86
40	20	2.46	5.6	4.0	27
54	28	3.38	10.5	8.3	37
60	30	3.71	12.5	10.1	40
84	42	5.21	24.5	21.1	56
96	48	5.96	32.0	28.1	64
108	54	6.71	40.5	36.1	73
120	60	7.46	50.0	45.1	81

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