



CONTRACTOR NAME
CITY, STATE

CONTRACTOR
LOGO

SHOP STANDARDS
FLAT OVAL DUCT CONSTRUCTION

1/2 in. w.g. +/-

Flat-Span (in.)	Unreinforced	12 ft. reinforcement spacing		6 ft. reinforcement spacing			3 ft. reinforcement spacing		
	Minimum Gage	External Reinforcement Class	Minimum Gage	External Reinforcement Class	Minimum Gage	Optional Tie rod(s)	External Reinforcement Class	Minimum Gage	Optional Tie rod(s)
1	2	3	4	5	6	7	8	9	10
1 – 10									
11 – 12									
13 – 14									
15 – 16									
17 – 18									
19 – 20									
21 – 22									
23 – 24									
25 – 26									
27 – 28									
29 – 30									
31 – 32									
33 – 34									
35 – 36									
37 – 38									
39 – 40									
41 – 42									
43 – 44									
45 – 46									
47 – 48									
49 – 50									
51 – 52									
53 – 54									
55 – 56									
57 – 58									
59 – 60									
61 – 62									
63 – 64									
65 – 66									
67 – 68									
69 – 70									
71 – 72									

Notes:

Tables are limited to minor dimensions up to 30 inches

= No Solution Provided

Negative pressure applications are limited to the following options:

- Use the unreinforced option
- Use the internal (tie rod) option
- Use a male flange or ring that meets the reinforcement class at the required spacing
- Use external reinforcement meeting the reinforcement class in conjunction with an internal support (tie rod) type 1 per Figure 3-7
- A combination of the above options can be used.