



Support Spans

Pipe Size	Pipe Sch.	Pipe / Flange		Pipe / Flange / Water		Pipe / Flange / Lagging		Pipe / Flange / Water / Lagging	
		Span (m)	Deflect (mm)	Span (m)	Deflect (mm)	Span (m)	Deflect (mm)	Span (m)	Deflect (mm)
15	10s	3.2	6	3.2	6	2.1	3	2	3
	40s	3.2	6	3.2	6	2.2	3	2.1	3
	80	3.5	9	3.2	6	2.3	4	2.2	3
20	10s	3.9	8	3.6	7	2.5	3	2.4	3
	40s	3.8	7	3.7	8	2.6	4	2.5	4
	80	3.8	7	3.8	8	2.7	4	2.7	4
25	10s	4.6	9	4.2	8	3.1	4	3	4
	40s	4.6	9	4.3	8	3.3	5	3.1	4
	80	4.6	9	4.3	8	3.4	5	3.3	5
40	10s	5.8	10	4.9	7	4.1	5	3.8	4
	40s	5.8	10	5.1	8	4.3	6	4	5
	80	5.7	10	5.2	8	4.5	6	4.3	6
50	10s	6.4	10	5.3	7	4.7	6	4.2	4
	40s	6.5	10	5.6	8	5.1	6	4.6	5
65	10s	7.1	10	5.7	7	5.4	6	4.7	5
	40	7.1	10	6.2	8	5.9	7	5.3	6
80	5s	7.8	10	5.5	5	5.7	5	4.6	4
	10s	7.9	11	6.1	6	6.2	6	5.2	5
	40	8	11	6.8	8	6.7	8	6	6
100	5s	8.6	10	5.8	4	6.5	6	5	3
	10s	8.9	10	6.5	5	7.1	7	5.7	4
	40	9.1	11	7.5	7	7.9	8	6.8	6
150	5s	12.4	14	7.2	5	9.4	8	6.5	4
	10s	11	11	7.4	5	9.1	7	6.7	4
	40	11.2	11	8.9	7	10	9	8.3	6
200	5s	12.1	10	7.1	4	9.9	7	6.6	3
	10s	12.5	11	8	4	10.5	8	7.4	4
	40	12.8	11	9.9	7	11.7	9	9.3	6
250	5s	13.8	10	8.1	6	11.6	7	7.6	3
	10s	13.9	11	8.6	4	12	8	8.1	4
	40	14.4	11	10.8	6	13.3	10	10.3	6
300	5s	15.6	11	9	4	13.4	8	8.5	3
	10s	14.9	10	9.1	4	13.1	8	8.6	3
	40	15.6	11	11.6	6	14.6	10	11.2	6

Notes

- a. The above spans and deflections have been calculated on the basis of a maximum stress of 34.5 N/mm² (5000 lbf/in²).
- b. The weight of lagging is based on 2" thick calcium Silicate.
- c. The flange weight is based on a pair of 150lb slip-on flanges distributed over a 6m length.