

2 1/2" Corrugated

2 1/2" Corrugated Allowable Span (ft. - in.)								
Gauge	Span	Condition	Load (psf)					
			10	20	25	30	40	50
29	SS	f	6-6	4-7	4-1	3-9	3-3	2-11
		L/120	3-10	3-1	2-10	2-8	2-5	2-3
	DS	f	6-6	4-7	4-1	3-9	3-3	2-11
		L/120	5-2	4-1	3-10	3-7	3-3	2-11
	TS	f	7-4	5-2	4-7	4-2	3-8	3-3
		L/120	4-9	3-9	3-6	3-4	3-0	2-9
26	SS	f	7-7	5-4	4-9	4-4	3-9	3-4
		L/120	4-4	3-5	3-2	3-0	2-8	2-6
	DS	f	7-7	5-4	4-9	4-4	3-9	3-4
		L/120	5-10	4-7	4-3	4-0	3-8	3-4
	TS	f	8-6	6-0	5-4	4-11	4-3	3-9
		L/120	5-4	4-3	3-11	3-8	3-4	3-1

2 1/2" Corrugated Allowable Load (lbs/ft²)							
Gauge	Span	Condition	Span (ft. - in.)				
			2-0	3-0	4-0	5-0	6-0
29	SS	f	108	48	27	17	12
		L/120	73	21	9	4	2
	DS	f	108	48	27	17	12
		L/120	108	48	22	11	6
	TS	f	135	60	33	21	15
		L/120	135	41	17	8	5
26	SS	f	145	64	36	23	16
		L/120	103	30	12	6	3
	DS	f	145	64	36	23	16
		L/120	145	64	31	15	9
	TS	f	182	81	45	29	20
		L/120	182	57	24	12	7

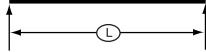
Loading Table Legend

f-Load limited by flexural bending stress

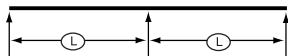
L-Span

L/xxx-Load limited by deflection

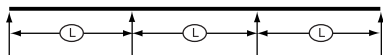
SS-Single span



DS-Double span



TS-Triple Span



Notes:

- Top values based on allowable stress. Bottom values based on allowable deflection of L/120.
- Steel conforms to ASTM A-792 (Zincalume®) with 80,000 psi minimum yield.
- Tables are for positive loading only.
- Values based on the American Iron and Steel Institute (AISI) *Specifications for the Design of Cold-Rolled Steel Structural Members* (1986 edition, with 1989 Addendum).
- Galvanized may be substituted for painted Zincalume® without notice.

Specifications subject to change without notice.

2 1/2" Corrugated Section Properties

Gauge	Wt. (lbs/ft²)	S+ (in³/ft)	I+ (in⁴/ft)	S- (in³/ft)	I- (in⁴/ft)
29	0.58	0.0180	0.0045	0.0180	0.0045
26	0.79	0.0243	0.0063	0.0243	0.0063

DuraTech™ x/ Color Retention Comparison

