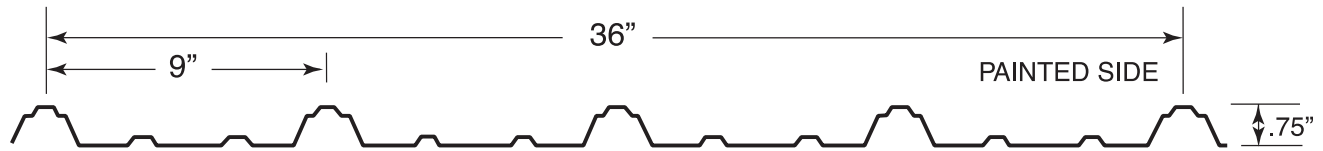


9-36 Panel - Section Properties/Load Table (Imperial)



Base Steel Thickness	Weight (psf)	Section Modulus (in ³)		Moment of Inertia Mid-span (in ⁴)
		Mid-span	Support	
26 Ga (0.019 in)	0.85	0.018	0.108	0.011
29 Ga (0.0135 in)	0.61	0.013	0.077	0.008

Load Table		Maximum Specified Uniformly Distributed Loads in psf1					
		1-Span		2-Span		3-Span	
Span (ft.)		26 Ga.	29 Ga.	26 Ga.	29 Ga.	26 Ga.	29 Ga.
2'-0"	S	96	110	125	143	119	136
	D	119	86	288	207	288	207
3'-0"	S	43	49	56	64	53	60
	D	35	25	85	61	85	61
3'-6"	S	32	36	41	47	39	44
	D	22	16	54	39	54	39
4'-0"	S	24	27	31	36	30	34
	D	15	11	36	26	36	26
4'-6"	S	19	22	25	28	23	27
	D	10	8	25	18	25	18
5'-0"	S	15	18	20	23	19	22
	D	8	5	18	13	18	13
5'-6"	S	13	15	17	19	16	18
	D	6	4	14	10	14	10
6'-0"	S	11	12	14	16	13	15
	D	4	3	11	8	11	8
6'-6"	S	9	10	12	14	11	13
	D	3	2	8	6	8	6
7'-0"	S	8	9	10	12	10	11
	D	3	2	7	5	7	5
7'-6"	S	7	8	9	10	8	10
	D	2	2	5	4	5	4
8'-0"	S	6	7	8	9	7	9
	D	2	1	4	3	4	3

S = Maximum Load for Strength

D = Maximum Load for Deflection (span/180)

This Load Table prepared by Inkpen Engineering Ltd. Loads are based on ASTM A792 Grade 50 Steel ($F_y = 50\text{ksi}$) for 26 Ga and Grade 80 Steel ($F_y = 80\text{ksi}$) for 29 Ga. Live Load Factor = 1.4

The information contained here is intended as a guideline only. Consult the National Building Code of Canada and/or local codes if more detailed analysis is required. Web crippling not included in strength values.