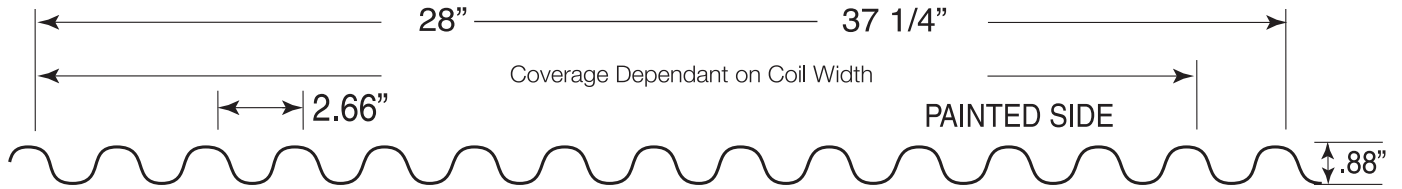


7/8" Corrugated Panel - Section Properties/Load Table (Imperial)



Base Steel Thickness	Weight (psf)	Section Modulus (in ³)		Moment of Inertia Mid-span (in ⁴)
		Mid-span	Support	
22 Ga (0.030 in)	1.52	0.094	0.146	0.041
24 Ga (0.024 in)	1.22	0.076	0.117	0.034
26 Ga (0.019 in)	0.97	0.062	0.094	0.027

Load Table		Maximum Specified Uniformly Distributed Loads in psf								
		1-Span			2-Span			3-Span		
Span (ft.)		22 Ga.	24 Ga.	26 Ga.	22 Ga.	24 Ga.	26 Ga.	22 Ga.	24 Ga.	26 Ga.
2'-0"	S	333	410	331	433	533	431	412	507	409
	D	444	361	292	1071	870	703	1071	870	703
3'-0"	S	148	182	147	192	237	191	183	225	182
	D	132	107	86	317	258	208	317	258	208
3'-6"	S	109	134	108	141	174	141	134	166	134
	D	83	67	54	200	162	131	200	162	131
4'-0"	S	83	102	83	108	133	108	103	127	102
	D	56	45	36	134	109	88	134	109	88
4'-6"	S	66	81	65	86	105	85	81	100	81
	D	39	32	26	94	76	62	94	76	62
5'-0"	S	53	66	53	69	85	69	66	81	66
	D	28	23	19	69	56	45	69	56	45
5'-6"	S	44	54	44	57	71	57	54	67	54
	D	21	17	14	51	42	34	51	42	34
6'-0"	S	37	46	37	48	59	48	46	56	45
	D	16	13	11	40	32	26	40	32	26
6'-6"	S	31	39	31	41	50	41	39	48	39
	D	13	11	9	31	25	20	31	25	20
7'-0"	S	27	33	27	35	44	35	34	41	33
	D	10	8	7	25	20	16	25	20	16
7'-6"	S	24	29	24	31	38	31	29	36	29
	D	8	7	6	20	17	13	20	17	13
8'-0"	S	21	26	21	27	33	27	26	32	26
	D	7	6	5	17	14	11	17	14	11

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 = 50ksi). 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.