



**ASCE 7-10 Exposure C Span and Cantilever Chart in Inches for flush mount of P4 rail with 66" Maximum Module Length and building height ≤30**

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch	
	105	110	115	120	130	140	150	160	165	170	180	200		
0	62	59	57	55	51	48	45	42	41	40	38	34	0 ≤ 7°	
10	56	54	53	52	49	47	45	42	41	40	38	34		
15	51	50	49	48	46	44	42	41	40	39	37	34		
20	47	47	46	45	43	42	40	39	38	37	36	33		
25	45	44	43	42	41	40	38	37	36	36	35	32		
30	42	41	41	40	39	38	37	36	35	34	33	31		
40	38	38	37	37	36	35	34	33	33	32	31	30		
50	35	35	34	34	33	33	32	31	31	30	30	28		
60	32	32	32	32	31	31	30	29	29	29	28	27		
0	65	62	60	58	54	50	47	44	43	42	40	36		7° < 0 ≤ 27°
10	57	56	54	53	51	48	46	44	43	42	40	36		
15	52	51	50	49	47	45	44	42	41	40	39	36		
20	48	48	47	46	44	43	41	40	39	38	37	35		
25	45	45	44	43	42	41	39	38	37	37	36	33		
30	43	42	42	41	40	39	38	36	36	35	34	32		
40	38	38	38	37	36	36	35	34	33	33	32	30		
50	35	35	35	35	34	34	33	32	31	31	30	29		
60	32	32	32	32	32	31	31	30	30	29	29	28		
0	62	59	57	55	51	48	45	42	41	40	38	34	27° < 0 ≤ 45°	
10	56	54	53	52	49	47	45	42	41	40	38	34		
15	51	50	49	48	46	44	42	41	40	39	37	34		
20	47	47	46	45	43	42	40	39	38	37	36	33		
25	45	44	43	42	41	40	38	37	36	36	35	32		
30	42	41	41	40	39	38	37	36	35	34	33	31		
40	38	38	37	37	36	35	34	33	33	32	31	30		
50	35	35	34	34	33	33	32	31	31	30	30	28		
60	32	32	32	32	31	31	30	29	29	29	28	27		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.

**ASCE 7-10 Exposure C Span and Cantilever Chart in Inches for flush mount of P4 rail with 77" Maximum Module Length and building height ≤30**

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch	
	105	110	115	120	130	140	150	160	165	170	180	200		
0	57	55	53	51	47	44	42	39	38	37	35	32	0 ≤ 7°	
10	51	50	49	48	45	43	41	39	38	37	35	32		
15	47	46	45	44	42	41	39	37	37	36	35	32		
20	44	43	42	42	40	39	37	36	35	34	33	31		
25	41	41	40	39	38	37	35	34	34	33	32	30		
30	39	38	38	37	36	35	34	33	32	32	31	29		
40	35	35	34	34	33	32	31	31	30	30	29	27		
50	32	32	32	32	31	30	29	29	28	28	27	26		
60	29	29	29	29	29	28	28	27	27	27	26	25		
0	60	58	55	53	50	46	44	41	40	39	37	33		7° < 0 ≤ 27°
10	53	52	50	49	47	45	43	41	40	39	37	33		
15	48	47	46	45	44	42	40	39	38	37	36	33		
20	45	44	43	42	41	40	38	37	36	36	34	32		
25	42	41	41	40	39	38	36	35	35	34	33	31		
30	40	39	38	38	37	36	35	34	33	33	32	30		
40	36	35	35	35	34	33	32	31	31	31	30	28		
50	32	32	32	32	31	31	30	29	29	29	28	27		
60	29	29	29	29	29	29	28	28	27	27	27	25		
0	57	55	53	51	47	44	42	39	38	37	35	32	27° < 0 ≤ 45°	
10	51	50	49	48	45	43	41	39	38	37	35	32		
15	47	46	45	44	42	41	39	37	37	36	35	32		
20	44	43	42	42	40	39	37	36	35	34	33	31		
25	41	41	40	39	38	37	35	34	34	33	32	30		
30	39	38	38	37	36	35	34	33	32	32	31	29		
40	35	35	34	34	33	32	31	31	30	30	29	27		
50	32	32	32	32	31	30	29	29	28	28	27	26		
60	29	29	29	29	29	28	28	27	27	27	26	25		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.