

				ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)					
Width, in.	Gauge	Yield ksi	Weight psf	Negative Load					
				8"	1'	1.5'	2'	2.5'	3'
16	24	50	1.19	86.0	77.0	63.4	49.8	36.2	22.6
16	22	50	1.61	86.0	77.0	63.4	49.8	36.2	22.6
16	20	33	2.02	86.0	77.0	63.4	49.8	36.2	22.6
16	18	33	2.43	86.0	77.0	63.4	49.8	36.2	22.6

1. Charted Load/Span values are based on UL580/UL1897 testing protocol.
2. Charted Load/Span values above are based on Allowable Stress Design (ASD).....Load Resistance Factor Design (LRFD) technique not recommended for charted values.
3. Charted Allowable Uniform Loads are based on the Ultimate Uniform Load (per UL580/UL1897 testing) divided by a 2.00 Factor-of-Safety.
4. Charted Allowable Uniform Loads do not consider panel weight (Dead Load) or clip-to-substrate (structure) fastener connection strength.
5. Clip-to-substrate (structure) fastener evaluation and analysis should be performed by a licensed structural engineer.
6. Panel tested over plywood (15/32" min. APA rated) substrate.
7. Charted Allowable Uniform Loads do not consider deflection limits of panel.
8. Charted Allowable Uniform Loads cannot be increased by 1/3.
9. Panel tested using 2" long x 24 ga. Steel fixed clip.
10. All panel gauges utilize a 24 ga. batten cap.
11. Clip attached to 15/32" plywood substrate with two (2) #10-13 low-profile pancake head screws.



**Robert V. Nangia P.E.**  
7423 Hollow Ridge Drive  
Houston, Texas 77095