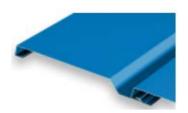


## NEGATIVE WIND PRESSURE LOAD/SPAN CHART PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES HLS2 @ 16" X 22 GA STEEL (w/fastener leg)



## PAC PRECISION SERIES HIGHLINE - S2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	105.18
1.25	84.15
1.50	70.12
1.75	60.10
2.00	52.59
2.25	46.75
2.50	42.07
2.75	38.25
3.00	35.06
3.25	32.36
3.50	30.05
3.75	28.05
4.00	26.30

## **NOTES**

- 1 (-) W = Allowable Uniform Wind Pressure, psf
- 2 Charted values consider Bending Stress, Connection Strength and a deflection limit of L/180
- 3 Allowable Bending Stress determination considers a Factor-of-Safety of 1.65
- 4 Allowable Connection Strength determination considers a Factor-of-Safety of 2.0
- 5 Negative wind pressure testing utilized ASTM E-330 protocol.
- 6 Tests were performed by Farabaugh Engineering & Testing, Inc.
- 7 Section of Properties determination based on the latest edition of the AISI Specification or Aluminum Association Testing.

4/13/2017

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