

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLS2C @ 16" X 22 GA STEEL (w/clip)**



PAC PRECISION SERIES HIGHLINE - S2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	180.62
1.25	144.65
1.50	120.55
1.75	103.32
2.00	90.41
2.25	80.36
2.50	72.33
2.75	65.75
3.00	60.27
3.25	55.64
3.50	51.66
3.75	48.22
4.00	45.20

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