

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLC1C @ 12" X 24 GA STEEL (w/clip)**



PAC PRECISION SERIES HIGHLINE - C1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	227.91
1.25	182.33
1.50	151.94
1.75	130.23
2.00	113.95
2.25	101.29
2.50	91.16
2.75	82.88
3.00	75.97
3.25	70.13
3.50	65.12
3.75	60.78
4.00	56.98

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