

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLB2C @ 16" X 24 GA STEEL (w/clip)**



PAC PRECISION SERIES HIGHLINE - B2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	152.45
1.25	121.96
1.50	101.64
1.75	87.12
2.00	76.23
2.25	67.76
2.50	60.98
2.75	55.44
3.00	50.82
3.25	46.91
3.50	43.56
3.75	40.65
4.00	38.11

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