

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART**  
**PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES**  
**HLB2 @ 16" X 24 GA STEEL (w/fastener leg)**



PAC PRECISION SERIES HIGHLINE - B2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	165.73
1.25	132.58
1.50	110.48
1.75	94.70
2.00	82.86
2.25	73.66
2.50	66.29
2.75	60.26
3.00	55.24
3.25	50.99
3.50	47.35
3.75	44.19
4.00	41.43

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