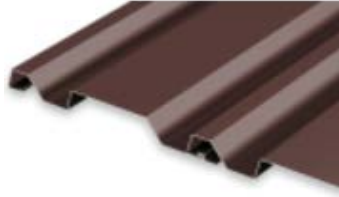


**NEGATIVE WIND PRESSURE LOADS/SPAN CHART  
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES  
HLB1 @ 12" X 24 GA STEEL (w/fastener leg)**



PAC PRECISION SERIES HIGHLINE - B1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	153.73
1.25	122.98
1.50	102.48
1.75	87.84
2.00	76.86
2.25	68.32
2.50	61.49
2.75	55.90
3.00	51.24
3.25	47.30
3.50	43.92
3.75	40.99
4.00	38.43

**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

**Petersen Aluminum Corporation**

1005 Tonne Road, Elk Grove Village, IL 60007

 800 PAC CLAD     800 722 7150

[PAC-CLAD.COM](http://PAC-CLAD.COM)