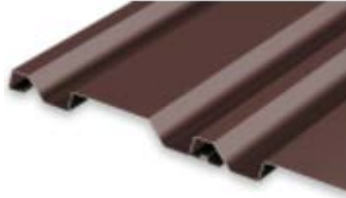


NEGATIVE WIND PRESSURE LOADS/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLB1 @ 12" X .032 ALUMINUM (w/ fastener leg)



PAC PRECISION SERIES HIGHLINE - B1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	124.45
1.25	99.56
1.50	82.97
1.75	71.12
2.00	62.23
2.25	55.31
2.50	49.78
2.75	45.26
3.00	41.48
3.25	38.29
3.50	35.56
3.75	33.19
4.00	31.11

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

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