

NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLB2 @ 16" X 032 ALUMINUM (w/fastener leg)



PAC PRECISION SERIES HIGHLINE - B2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	70.09
1.25	60.87
1.50	50.73
1.75	43.48
2.00	38.05
2.25	33.82
2.50	30.44
2.75	27.67
3.00	25.36
3.25	23.41
3.50	21.74
3.75	20.29
4.00	19.02

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