

NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLS1C @ 12" X 032 ALUMINUM (w/clip leg)



PAC PRECISION SERIES HIGHLINE - S1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	99.73
1.25	79.78
1.50	66.48
1.75	56.99
2.00	49.86
2.25	44.32
2.50	39.89
2.75	32.26
3.00	33.24
3.25	30.69
3.50	28.49
3.75	26.59
4.00	24.93

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