

NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLS2C @ 16" X 050 ALUMINUM (w/clip leg)



PAC PRECISION SERIES HIGHLINE - S2

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	142.09
1.25	113.67
1.50	94.73
1.75	81.19
2.00	65.35
2.25	51.63
2.50	41.82
2.75	34.57
3.00	29.04
3.25	24.75
3.50	21.34
3.75	18.59
4.00	16.34

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