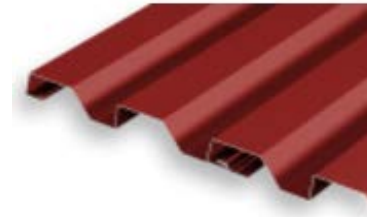


NEGATIVE WIND PRESSURE LOAD/SPAN CHART
 PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
 HLC1C @ 12" X 032 ALUMINUM (w/clip leg)



PAC PRECISION SERIES HIGHLINE - C1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	199.36
1.25	154.49
1.50	132.91
1.75	113.92
2.00	99.68
2.25	88.61
2.50	79.75
2.75	72.50
3.00	66.45
3.25	61.34
3.50	56.96
3.75	53.16
4.00	49.84

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