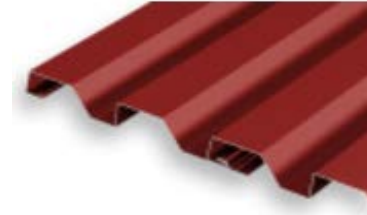


**NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLC1 @ 12" X 032 ALUMINUM (w/fastener leg)**



PAC PRECISION SERIES HIGHLINE - C1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	140.27
1.25	112.22
1.50	93.52
1.75	80.16
2.00	70.14
2.25	62.34
2.50	56.11
2.75	51.01
3.00	46.76
3.25	43.16
3.50	40.08
3.75	37.41
4.00	35.07

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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