

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART  
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES  
HLM1 @ 12" X 032 ALUMINUM (w/fastener leg)**



PAC PRECISION SERIES HIGHLINE - M1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	133.18
1.25	106.55
1.50	88.79
1.75	76.10
2.00	66.59
2.25	59.19
2.50	53.27
2.75	48.43
3.00	44.39
3.25	40.98
3.50	38.05
3.75	35.52
4.00	33.30

**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

**Petersen Aluminum Corporation**

1005 Tonne Road, Elk Grove Village, IL 60007

☎ 800 PAC CLAD    ☎ 800 722 7150

[PAC-CLAD.COM](http://PAC-CLAD.COM)