

**NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLM1C @ 12" X 032 ALUMINUM (w/clip leg)**



PAC PRECISION SERIES HIGHLINE - M1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	189.91
1.25	151.93
1.50	126.61
1.75	108.52
2.00	94.95
2.25	84.40
2.50	75.96
2.75	69.06
3.00	63.30
3.25	58.43
3.50	54.26
3.75	50.64
4.00	47.48

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.

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Petersen Aluminum Corporation

1005 Tonne Road, Elk Grove Village, IL 60007

☎ 800 PAC CLAD ☎ 800 722 7150