

NEGATIVE WIND PRESSURE LOAD/SPAN CHART
PETERSEN ALUMINUM - PRECISION HIGHLINE SERIES
HLM1 @ 12" X 24 GA STEEL (w/fastener leg)



PAC PRECISION SERIES HIGHLINE - M1

THREE OR MORE EQUAL SPANS	
Span (in feet)	(-) w (PSF)
1.00	153.09
1.25	122.47
1.50	102.06
1.75	87.48
2.00	76.55
2.25	68.04
2.50	61.24
2.75	55.67
3.00	51.03
3.25	47.10
3.50	43.74
3.75	40.82
4.00	38.27

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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