Load test according CEI/IEC 61537:2001
Q = UDL (uniformly distributed load)
Safety Factor = 1.7
L = intermediate span
F = deflection = 1/100 of the intermediate span (max.)
S = splice location

Unistrut’s load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the ladder. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

DEFLECTION: Unistrut’s load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Unistrut Cable Ladder limited to span/100. and load figures inclusive of a safety factor of 1.7.

ACCESSORIES: To ensure adequate support, accessories should be supported locally.

COUPLERS: The loading and deflection tables for Unistrut Cable Ladder assume that the couplers are located at the most onerous position within the span (i.e. mid span).
To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Only one pair of couplers should be installed per span.

Stated loadings apply to mild steel products only.