

LENTON® INTERLOK Independent Test Data

ASTM® A615 Grade 60

| Part Number | Independent Lab Test Report Number | Rebar | | Independent Test Result | | IBC® and ACI® 318 TYPE 1 | | IBC and ACI 318 TYPE 2 | | |
|-------------|------------------------------------|-------|------|-------------------------|------------------------------|--------------------------|--|------------------------|--|----------------------|
| | | Size | | Area (in ²) | Actual Stress Achieved (psi) | % fy | Required Stress 125% x Specified Yield (125% x 60,000) psi | TYPE 1 Pass/ Fail | Required Stress Specified Tensile (90,000) psi | TYPE 2 Pass/ Fail |
| | | in-lb | [mm] | | | | | | | |
| LK6 | TH9662 | 6 | [20] | 0.44 | 103,857 | 173% | 75,000 | Pass | 90,000 | Pass |
| LK6 | TH9663 | 6 | [20] | 0.44 | 93,536 | 156% | 75,000 | Pass | 90,000 | Pass |
| LK6 | TH9664 | 6 | [20] | 0.44 | 92,405 | 154% | 75,000 | Pass | 90,000 | Pass |
| LK7 | TH9656 | 7 | [22] | 0.60 | 95,780 | 160% | 75,000 | Pass | 90,000 | Pass |
| LK7 | TH9657 | 7 | [22] | 0.60 | 95,670 | 159% | 75,000 | Pass | 90,000 | Pass |
| LK7 | TH9658 | 7 | [22] | 0.60 | 94,482 | 157% | 75,000 | Pass | 90,000 | Pass |
| LK8 | TH9650 | 8 | [25] | 0.79 | 95,218 | 159% | 75,000 | Pass | 90,000 | Pass |
| LK8 | TH9651 | 8 | [25] | 0.79 | 92,529 | 154% | 75,000 | Pass | 90,000 | Pass |
| LK8 | TH9652 | 8 | [25] | 0.79 | 93,549 | 156% | 75,000 | Pass | 90,000 | Pass |
| LK9 | TH9639 | 9 | [28] | 1.00 | 92,872 | 155% | 75,000 | Pass | 90,000 | Pass |
| LK9 | TH9640 | 9 | [28] | 1.00 | 92,776 | 155% | 75,000 | Pass | 90,000 | Pass |
| LK9 | TH9641 | 9 | [28] | 1.00 | 96,170 | 160% | 75,000 | Pass | 90,000 | Pass |
| LK10 | TH9632 | 10 | [32] | 1.27 | 96,409 | 161% | 75,000 | Pass | 90,000 | Pass |
| LK10 | TH9633 | 10 | [32] | 1.27 | 95,160 | 159% | 75,000 | Pass | 90,000 | Pass |
| LK10 | TH9634 | 10 | [32] | 1.27 | 96,006 | 160% | 75,000 | Pass | 90,000 | Pass |
| LK11 | TH9626 | 11 | [36] | 1.56 | 92,495 | 154% | 75,000 | Pass | 90,000 | Pass |
| LK11 | TH9627 | 11 | [36] | 1.56 | 99,881 | 166% | 75,000 | Pass | 90,000 | Pass |
| LK11 | TH9628 | 11 | [36] | 1.56 | 97,190 | 162% | 75,000 | Pass | 90,000 | Pass |
| LKT14 | TH9950 | 14 | [43] | 2.25 | 92,147 | 154% | 75,000 | Pass | 90,000 | Pass |
| LKT14 | TH9951 | 14 | [43] | 2.25 | 90,454 | 151% | 75,000 | Pass | 90,000 | Pass |
| LKT14 | TH9952 | 14 | [43] | 2.25 | 91,528 | 153% | 75,000 | Pass | 90,000 | Pass |
| LKT18 | TH6557 | 18 | [57] | 4.00 | 95,250 | 159% | 75,000 | Pass | 90,000 | Pass |
| LKT18 | TH6558 | 18 | [57] | 4.00 | 96,763 | 161% | 75,000 | Pass | 90,000 | Pass |
| LKT18 | TH6559 | 18 | [57] | 4.00 | 94,413 | 157% | 75,000 | Pass | 90,000 | Pass |

Table is a summary of STORK HERRON and PSI Independent Laboratory tests. Test reports are available upon request.

WARNING:

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

The customer is responsible for:

- a. Conformance to all governing codes
- b. The integrity of structures to which the products are attached including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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