

# LENTON® INTERLOK Couplers - Minimum Embedment Test Data

\*ASTM® A615 Grade 60

Part Number	Lab Test Report Number	Rebar		** Test Result		IBC® and ACI® 318 TYPE 1		
		Size		Area (in <sup>2</sup> )	Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 60,000) psi	TYPE 1 Pass/ Fail
		in-lb	[mm]					
LK5GV	TK0468	5	[16]	0.31	103,758	173%	75,000	Pass
LK5GV	TK0469	5	[16]	0.31	103,606	173%	75,000	Pass
LK5GV	TK0470	5	[16]	0.31	104,074	173%	75,000	Pass
LK6GV	TK0453	6	[20]	0.44	100,232	167%	75,000	Pass
LK6GV	TK0454	6	[20]	0.44	101,586	169%	75,000	Pass
LK6GV	TK0455	6	[20]	0.44	102,039	170%	75,000	Pass
LK7GV	TK0674	7	[22]	0.60	83,958	140%	75,000	Pass
LK7GV	TK0675	7	[22]	0.60	88,232	147%	75,000	Pass
LK7GV	TK0676	7	[22]	0.60	80,855	135%	75,000	Pass
LK8GV	TK0739	8	[25]	0.79	94,572	158%	75,000	Pass
LK8GV	TK0740	8	[25]	0.79	91,906	153%	75,000	Pass
LK8GV	TK0741	8	[25]	0.79	94,204	157%	75,000	Pass
LK9GV	TK0280	9	[28]	1.00	86,731	145%	75,000	Pass
LK9GV	TK0281	9	[28]	1.00	85,749	143%	75,000	Pass
LK9GV	TK0956	9	[28]	1.00	95,942	160%	75,000	Pass
LK10GV	TK0645	10	[32]	1.27	87,549	146%	75,000	Pass
LK10GV	TK0646	10	[32]	1.27	95,495	159%	75,000	Pass
LK10GV	TK0647	10	[32]	1.27	93,108	155%	75,000	Pass
LK11GV	TK0496	11	[36]	1.56	95,652	159%	75,000	Pass
LK11GV	TK0497	11	[36]	1.56	97,124	162%	75,000	Pass
LK11GV	TK0498	11	[36]	1.56	93,753	156%	75,000	Pass
LK14GV	TK0752	14	[43]	2.25	90,381	151%	75,000	Pass
LK14GV	TK0753	14	[43]	2.25	89,979	150%	75,000	Pass
LK14GV	TK0754	14	[43]	2.25	95,851	160%	75,000	Pass
LK18GV	TK0774	18	[57]	4.00	104,470	174%	75,000	Pass
LK18GV	TK0775	18	[57]	4.00	103,714	173%	75,000	Pass
LK18GV	TK0776	18	[57]	4.00	105,237	175%	75,000	Pass

\* Actual performance exceeds Type 1 for ASTM A706 Grade 60

\*\* Rebar embedment: casting cavity depth minus one bar diameter

Table is a summary of ERICO® 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](http://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.

ACI is a registered trademark of the American Concrete Institute

ASTM is a registered trademark of the American Society for Testing and Materials

IBC is a registered trademark of the International Code Council Inc.

CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH, and LENTON are registered trademarks of ERICO International Corporation.



TECHNICAL SUPPORT:  
[www.erico.com](http://www.erico.com)

CRSLKGV3\_A 1 of 1

