

LENTON[®] INTERLOK Couplers with Hot-Dip Galvanized Coating

Full Embedment Test Data** - ASTM[®] A615 Grade 60

Part Number	Lab Test Report Number	Rebar		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]							
LK5GV	TK0462	5	[16]	0.31	104,203	174%	75,000	Pass	90,000	Pass
LK5GV	TK0463	5	[16]	0.31	104,406	174%	75,000	Pass	90,000	Pass
LK5GV	TK0464	5	[16]	0.31	104,548	174%	75,000	Pass	90,000	Pass
LK6GV	TK0447	6	[20]	0.44	102,859	171%	75,000	Pass	90,000	Pass
LK6GV	TK0448	6	[20]	0.44	105,650	176%	75,000	Pass	90,000	Pass
LK6GV	TK0449	6	[20]	0.44	103,098	172%	75,000	Pass	90,000	Pass
LK7GV	TK0490	7	[22]	0.60	105,307	176%	75,000	Pass	90,000	Pass
LK7GV	TK0491	7	[22]	0.60	102,927	172%	75,000	Pass	90,000	Pass
LK7GV	TK0492	7	[22]	0.60	104,042	173%	75,000	Pass	90,000	Pass
LK8GV	TK0638	8	[25]	0.79	94,953	158%	75,000	Pass	90,000	Pass
LK8GV	TK0639	8	[25]	0.79	94,123	157%	75,000	Pass	90,000	Pass
LK8GV	TK0953	8	[25]	0.79	107,191	179%	75,000	Pass	90,000	Pass
LK9GV	TK0226	9	[28]	1.00	96,880	161%	75,000	Pass	90,000	Pass
LK9GV	TK0227	9	[28]	1.00	97,257	162%	75,000	Pass	90,000	Pass
LK9GV	TK0228	9	[28]	1.00	94,713	158%	75,000	Pass	90,000	Pass
LK10GV	TK0651	10	[32]	1.27	99,478	166%	75,000	Pass	90,000	Pass
LK10GV	TK0652	10	[32]	1.27	99,231	165%	75,000	Pass	90,000	Pass
LK10GV	TK0653	10	[32]	1.27	101,617	169%	75,000	Pass	90,000	Pass
LK11GV	TK0502	11	[36]	1.56	99,518	166%	75,000	Pass	90,000	Pass
LK11GV	TK0503	11	[36]	1.56	100,883	168%	75,000	Pass	90,000	Pass
LK11GV	TK0951	11	[36]	1.56	101,283	169%	75,000	Pass	90,000	Pass
LK14GV	TK0758	14	[43]	2.25	103,683	173%	75,000	Pass	90,000	Pass
LK14GV	TK0759	14	[43]	2.25	102,897	171%	75,000	Pass	90,000	Pass
LK14GV	TK0760	14	[43]	2.25	103,944	173%	75,000	Pass	90,000	Pass
LK18GV	TK0787	18	[57]	4.00	103,125	172%	75,000	Pass	90,000	Pass
LK18GV	TK0788	18	[57]	4.00	103,277	172%	75,000	Pass	90,000	Pass
LK18GV	TK0789	18	[57]	4.00	104,867	175%	75,000	Pass	90,000	Pass

* Actual performance exceeds Type 1 and Type 2 for ASTM A706 Grade 60

** Rebar embedment: casting cavity depth minus 1/4"

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 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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