

nVent LENTON INTERLOK Couplers with HY15LM High-Strength, Nonmetallic Grout

Independent Test Data - ASTM A615 & A706 grade 80

Part Number	Lab Test Report Number	Reinforcing Steel		Area (in ²)	Test Result *Actual Stress Achieved (psi)	IBC® and ACI® 318 TYPE 1		IBC and ACI 318 TYPE 2	
		Size				Required Stress 125% x Specified Yield (125% x 80,000 psi)	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (105,000 psi)	TYPE 2 Pass/ Fail
		in	[mm]						
LK5	TK2866	5	[16]	0.31	117,903	100,000	Pass	105,000	Pass
LK5	TK2867	5	[16]	0.31	116,729	100,000	Pass	105,000	Pass
LK5	TK2868	5	[16]	0.31	116,900	100,000	Pass	105,000	Pass
LK6	TK2872	6	[20]	0.44	117,689	100,000	Pass	105,000	Pass
LK6	TK2873	6	[20]	0.44	117,943	100,000	Pass	105,000	Pass
LK6	TK2874	6	[20]	0.44	117,168	100,000	Pass	105,000	Pass
LK7	TK2922	7	[22]	0.60	108,473	100,000	Pass	105,000	Pass
LK7	TK2923	7	[22]	0.60	111,287	100,000	Pass	105,000	Pass
LK7	TK2924	7	[22]	0.60	109,992	100,000	Pass	105,000	Pass
LK8	TK2899	8	[25]	0.79	107,494	100,000	Pass	105,000	Pass
LK8	TK2900	8	[25]	0.79	107,534	100,000	Pass	105,000	Pass
LK8	TK2902	8	[25]	0.79	106,976	100,000	Pass	105,000	Pass
LK9	TK2929	9	[28]	1.00	109,220	100,000	Pass	105,000	Pass
LK9	TK2935	9	[28]	1.00	106,950	100,000	Pass	105,000	Pass
LK9	TK3106	9	[28]	1.00	109,754	100,000	Pass	105,000	Pass
LK10	TK2949	10	[32]	1.27	109,639	100,000	Pass	105,000	Pass
LK10	TK2950	10	[32]	1.27	108,413	100,000	Pass	105,000	Pass
LK10	TK2951	10	[32]	1.27	108,015	100,000	Pass	105,000	Pass
LK11	TK2953	11	[36]	1.56	105,788	100,000	Pass	105,000	Pass
LK11	TK2954	11	[36]	1.56	107,812	100,000	Pass	105,000	Pass
LK11	TK2955	11	[36]	1.56	106,347	100,000	Pass	105,000	Pass
LKT14	TK2999	14	[43]	2.25	108,849	100,000	Pass	105,000	Pass
LKT14	TK3000	14	[43]	2.25	108,773	100,000	Pass	105,000	Pass
LKT14	TK3001	14	[43]	2.25	108,121	100,000	Pass	105,000	Pass
LKT18	TK3084	18	[57]	4.00	106,211	100,000	Pass	105,000	Pass
LKT18	TK3085	18	[57]	4.00	108,251	100,000	Pass	105,000	Pass
LKT18	TK3093	18	[57]	4.00	111,308	100,000	Pass	105,000	Pass

*** Actual performance exceeds Type 1 and Type 2 for ASTM A706 Grade 60 and ASTM A615 Grade 60 & 75**

Table is a summary of BENCHMARK Independent Laboratory tests. Test reports are available upon request.

This document and the contents thereof is the property of nVent and is furnished to you for information only. All dimensions and tolerances are in inches [mm], unless otherwise specified. Revisions are to be computer processed. No manual changes permitted. This document is not to be used as an instruction sheet.

WARNING:

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at www.nVent.com and from your nVent customer service representative.
- nVent 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.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

The customer is responsible for:

- Conformance to all governing codes.
- 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.
- Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:


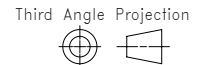
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

nVent, nVent CADDY, nVent ERICO Cadweld, nVent ERICO Critec, nVent ERICO, nVent ERIFLEX, and nVent LENTON are owned by nVent or its global affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without prior notice.

TECHNICAL SUPPORT:
www.nVent.com

CRSLK2_B

© 2017-2019 nVent All Rights Reserved

B	REBRANDING	1014907	11APR19	RMB	MNB	ADM	-	-
REV	DESCRIPTION	ESN #	DATE	DRN	CHK	APP	QA	MFG
Tolerance (Inch) Unless Noted								
Angular Tolerance: ±°								
Fractional Tolerance: ±								
Two Place Decimal: ±								
Three Place Decimal: ±		Title: LENTON INTERLOK COUPLERS INDEPENDENT TEST DATA ASTM A615 & A706 GRADE 80						
Tolerance [mm] Unless Noted		Scale		DWG		CRSLK2		
Angular Tolerance: ±°		None				REV B		
One Place Decimal: ±								
Two Place Decimal: ±								
B Size	SHT 1	Of 1						

