

# nVent LENTON Standard Couplers (A2) - Independent Test Data

## ASTM<sup>®</sup> A615 Grade 75

Part Number	Independent Lab Test Report Number	Rebar			Independent Test Result		IBC <sup>®</sup> and ACI <sup>®</sup> 318 TYPE 1		IBC and ACI 318 TYPE 2	
		Size		Area (in <sup>2</sup> )	*Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 70,000) psi	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (100,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL12A2	TJ8268*	4	[12]	0.20	112250	150%	93,750	Pass	100,000	Pass
EL12A2	TJ8269*	4	[12]	0.20	110110	147%	93,750	Pass	100,000	Pass
EL12A2	TJ8270*	4	[12]	0.20	109005	145%	93,750	Pass	100,000	Pass
EL16A2	TJ8223*	5	[16]	0.31	118642	158%	93,750	Pass	100,000	Pass
EL16A2	TJ8224*	5	[16]	0.31	119726	160%	93,750	Pass	100,000	Pass
EL16A2	TJ8227*	5	[16]	0.31	117961	157%	93,750	Pass	100,000	Pass
EL20A2	TJ7778*	6	[20]	0.44	114,414	153%	93,750	Pass	100,000	Pass
EL20A2	TJ7779*	6	[20]	0.44	115,484	154%	93,750	Pass	100,000	Pass
EL20A2	TJ7780*	6	[20]	0.44	113,809	152%	93,750	Pass	100,000	Pass
EL22A2	TJ2173	7	[22]	0.60	117,142	156%	93,750	Pass	100,000	Pass
EL22A2	TJ2174	7	[22]	0.60	113,833	152%	93,750	Pass	100,000	Pass
EL22A2	TJ2175	7	[22]	0.60	115,478	154%	93,750	Pass	100,000	Pass
EL25A2	TJ1619	8	[25]	0.79	120,313	160%	93,750	Pass	100,000	Pass
EL25A2	TJ1620	8	[25]	0.79	122,259	163%	93,750	Pass	100,000	Pass
EL25A2	TJ1621	8	[25]	0.79	116,357	155%	93,750	Pass	100,000	Pass
EL28A2	TH9983	9	[28]	1.00	104,105	139%	93,750	Pass	100,000	Pass
EL28A2	TH9984	9	[28]	1.00	102,811	137%	93,750	Pass	100,000	Pass
EL28A2	TH9985	9	[28]	1.00	103,323	138%	93,750	Pass	100,000	Pass
EL32A2	TH9990	10	[32]	1.27	110,002	147%	93,750	Pass	100,000	Pass
EL32A2	TH9991	10	[32]	1.27	109,251	146%	93,750	Pass	100,000	Pass
EL32A2	TH9992	10	[32]	1.27	107,521	143%	93,750	Pass	100,000	Pass
EL36A2	TJ0007	11	[36]	1.56	112,339	150%	93,750	Pass	100,000	Pass
EL36A2	TJ0008	11	[36]	1.56	113,075	151%	93,750	Pass	100,000	Pass
EL36A2	TJ0009	11	[36]	1.56	111,964	149%	93,750	Pass	100,000	Pass
EL43TA2	TJ0019	14	[43]	2.25	114,283	152%	93,750	Pass	100,000	Pass
EL43TA2	TJ0020	14	[43]	2.25	115,216	154%	93,750	Pass	100,000	Pass
EL43TA2	TJ0021	14	[43]	2.25	113,806	152%	93,750	Pass	100,000	Pass
EL57TA2	TJ0072	18	[57]	4.00	108,591	145%	93,750	Pass	100,000	Pass
EL57TA2	TJ0073	18	[57]	4.00	109,128	146%	93,750	Pass	100,000	Pass
EL57TA2	TJ0074	18	[57]	4.00	109,720	146%	93,750	Pass	100,000	Pass

**Table is a summary of ELEMENT MATERIALS TECHNOLOGY Independent Laboratory tests. Test reports are available upon request.**  
**\* Test conducted with ASTM 706 Grade 80, which exceeds performance of ASTM 615 Grade 75. See CRSELA24\_B.**

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- 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](http://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:**

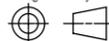
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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CRSELA24\_C

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C	REBRANDING	1014907	29APR19	JLC	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: ±					Third Angle Projection 				
Tolerance [mm] Unless Noted Angular Tolerance: ±° One Place Decimal: ± Two Place Decimal: ±		Title: LENTON STANDARD COUPLERS (A2) INDEPENDENT TEST DATA ASTM A615 GRADE 75							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELA24	REV C

