

nVent LENTON Standard Couplers (A2) - 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]							
EL12A2	TH5652	4	[12]	0.20	104,600	174%	75,000	Pass	90,000	Pass
EL12A2	TH5653	4	[12]	0.20	101,450	169%	75,000	Pass	90,000	Pass
EL12A2	TH5654	4	[12]	0.20	104,700	175%	75,000	Pass	90,000	Pass
EL16A2	TH5656	5	[16]	0.31	99,387	166%	75,000	Pass	90,000	Pass
EL16A2	TH5657	5	[16]	0.31	99,387	166%	75,000	Pass	90,000	Pass
EL16A2	TH5658	5	[16]	0.31	99,065	165%	75,000	Pass	90,000	Pass
EL20A2	TH5640	6	[20]	0.44	104,386	174%	75,000	Pass	90,000	Pass
EL20A2	TH5641	6	[20]	0.44	104,727	175%	75,000	Pass	90,000	Pass
EL20A2	TH5642	6	[20]	0.44	105,363	176%	75,000	Pass	90,000	Pass
EL22A2	TH5635	7	[22]	0.60	104,517	174%	75,000	Pass	90,000	Pass
EL22A2	TH5637	7	[22]	0.60	105,667	176%	75,000	Pass	90,000	Pass
EL22A2	TH5638	7	[22]	0.60	102,817	171%	75,000	Pass	90,000	Pass
EL25A2	TH7431	8	[25]	0.79	107,468	179%	75,000	Pass	90,000	Pass
EL25A2	TH7432	8	[25]	0.79	111,013	185%	75,000	Pass	90,000	Pass
EL25A2	TH7433	8	[25]	0.79	110,506	184%	75,000	Pass	90,000	Pass
EL28A2	TH7436	9	[28]	1.00	110,200	184%	75,000	Pass	90,000	Pass
EL28A2	TH7437A	9	[28]	1.00	107,400	179%	75,000	Pass	90,000	Pass
EL28A2	TH7438	9	[28]	1.00	108,200	180%	75,000	Pass	90,000	Pass
EL32A2	TH7441	10	[32]	1.27	98,504	164%	75,000	Pass	90,000	Pass
EL32A2	TH7442	10	[32]	1.27	105,118	175%	75,000	Pass	90,000	Pass
EL32A2	TH7443	10	[32]	1.27	105,197	175%	75,000	Pass	90,000	Pass
EL36A2	TH7446	11	[36]	1.56	99,423	166%	75,000	Pass	90,000	Pass
EL36A2	TH7447	11	[36]	1.56	99,295	165%	75,000	Pass	90,000	Pass
EL36A2	TH7448	11	[36]	1.56	97,949	163%	75,000	Pass	90,000	Pass
EL43TA2	TH7451A	14	[43]	2.25	99,067	165%	75,000	Pass	90,000	Pass
EL43TA2	TH7452	14	[43]	2.25	97,289	162%	75,000	Pass	90,000	Pass
EL43TA2	TH7453	14	[43]	2.25	98,178	164%	75,000	Pass	90,000	Pass
EL57TA2	TH7456	18	[57]	4.00	97,400	162%	75,000	Pass	90,000	Pass
EL57TA2	TH7457	18	[57]	4.00	96,450	161%	75,000	Pass	90,000	Pass
EL57TA2	TH7458	18	[57]	4.00	98,075	163%	75,000	Pass	90,000	Pass

Table is a summary of STORK HERRON Independent Laboratory (now known as ELEMENT MATERIALS TECHNOLOGY) and PSI Independent Laboratory tests. Test reports are available upon request.

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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:
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.


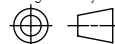
SAFETY INSTRUCTIONS:
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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E	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 60							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELA21	REV E

