

nVent LENTON Standard Couplers (A2) - Independent Test Data

ASTM[®] A706 Grade 80

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 80,000) psi	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (100,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL12A2	TJ8269	4	[12]	0.20	110,110	138%	100,000	Pass	100,000	Pass
EL12A2	TJ8270	4	[12]	0.20	109,005	136%	100,000	Pass	100,000	Pass
EL12A2	TJ8271	4	[12]	0.20	111,825	140%	100,000	Pass	100,000	Pass
EL16A2	TJ8220	5	[16]	0.31	118,303	148%	100,000	Pass	100,000	Pass
EL16A2	TJ8221	5	[16]	0.31	118,490	148%	100,000	Pass	100,000	Pass
EL16A2	TJ8223	5	[16]	0.31	118,642	148%	100,000	Pass	100,000	Pass
EL20A2	TJ7778	6	[20]	0.44	114,414	143%	100,000	Pass	100,000	Pass
EL20A2	TJ7779	6	[20]	0.44	115,484	144%	100,000	Pass	100,000	Pass
EL20A2	TJ7780	6	[20]	0.44	113,809	142%	100,000	Pass	100,000	Pass
EL22A2	TJ7765	7	[22]	0.60	108,927	136%	100,000	Pass	100,000	Pass
EL22A2	TJ7766	7	[22]	0.60	110,067	138%	100,000	Pass	100,000	Pass
EL22A2	TJ7767	7	[22]	0.60	109,438	137%	100,000	Pass	100,000	Pass
EL25A2	TJ7753	8	[25]	0.79	107,189	134%	100,000	Pass	100,000	Pass
EL25A2	TJ7754	8	[25]	0.79	107,406	134%	100,000	Pass	100,000	Pass
EL25A2	TJ7755	8	[25]	0.79	106,957	134%	100,000	Pass	100,000	Pass
EL28A2	TJ7741	9	[28]	1.00	108,785	136%	100,000	Pass	100,000	Pass
EL28A2	TJ7742	9	[28]	1.00	108,970	136%	100,000	Pass	100,000	Pass
EL28A2	TJ7743	9	[28]	1.00	109,107	136%	100,000	Pass	100,000	Pass
EL32A2	TJ7728	10	[32]	1.27	110,637	138%	100,000	Pass	100,000	Pass
EL32A2	TJ7729	10	[32]	1.27	110,208	138%	100,000	Pass	100,000	Pass
EL32A2	TJ7730	10	[32]	1.27	110,284	138%	100,000	Pass	100,000	Pass
EL36A2	TJ7718	11	[36]	1.56	110,334	138%	100,000	Pass	100,000	Pass
EL36A2	TJ7719	11	[36]	1.56	110,468	138%	100,000	Pass	100,000	Pass
EL36A2	TJ7720	11	[36]	1.56	110,581	138%	100,000	Pass	100,000	Pass
EL43TA2	TJ7794	14	[43]	2.25	107,812	135%	100,000	Pass	100,000	Pass
EL43TA2	TJ7795	14	[43]	2.25	106,520	133%	100,000	Pass	100,000	Pass
EL43TA2	TJ7798	14	[43]	2.25	108,825	136%	100,000	Pass	100,000	Pass
EL57TA2	TJ7805	18	[57]	4.00	107,210	134%	100,000	Pass	100,000	Pass
EL57TA2	TJ7807	18	[57]	4.00	107,153	134%	100,000	Pass	100,000	Pass
EL57TA2	TJ7808	18	[57]	4.00	105,597	132%	100,000	Pass	100,000	Pass

*** Actual performance also exceeds ACI 318 Type 1 and Type 2 for ASTM A706 Grade 60 and A615 Grades 60, 75 and 80.**

Table is a summary of ELEMENT MATERIALS TECHNOLOGY Independent Laboratory tests. Test reports are available upon request.

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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 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:


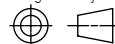
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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TECHNICAL SUPPORT:
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D	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) INDEPENDNT TEST DATA ASTM A706 GRADE 80							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELA23	REV D

