

LENTON® Position Couplers (P9) - 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]							
EL20P9	TJ7837	6	[20]	0.44	114,948	144%	100,000	Pass	100,000	Pass
EL20P9	TJ7838	6	[20]	0.44	115,389	144%	100,000	Pass	100,000	Pass
EL20P9	TJ7839	6	[20]	0.44	114,593	143%	100,000	Pass	100,000	Pass
EL22P9	TJ7845	7	[22]	0.60	109,947	137%	100,000	Pass	100,000	Pass
EL22P9	TJ7846	7	[22]	0.60	110,028	138%	100,000	Pass	100,000	Pass
EL22P9	TJ7847	7	[22]	0.60	110,158	138%	100,000	Pass	100,000	Pass
EL25P9	TJ7866	8	[25]	0.79	107,018	134%	100,000	Pass	100,000	Pass
EL25P9	TJ7867	8	[25]	0.79	107,011	134%	100,000	Pass	100,000	Pass
EL25P9	TJ7870	8	[25]	0.79	107,675	135%	100,000	Pass	100,000	Pass
EL28P9	TJ7856	9	[28]	1.00	109,593	137%	100,000	Pass	100,000	Pass
EL28P9	TJ7857	9	[28]	1.00	109,025	136%	100,000	Pass	100,000	Pass
EL28P9	TJ7858	9	[28]	1.00	107,968	135%	100,000	Pass	100,000	Pass
EL32P9	TJ7889	10	[32]	1.27	110,913	139%	100,000	Pass	100,000	Pass
EL32P9	TJ7890	10	[32]	1.27	110,365	138%	100,000	Pass	100,000	Pass
EL32P9	TJ7891	10	[32]	1.27	110,414	138%	100,000	Pass	100,000	Pass
EL36P9	TJ7902	11	[36]	1.56	111,168	139%	100,000	Pass	100,000	Pass
EL36P9	TJ7903	11	[36]	1.56	112,389	140%	100,000	Pass	100,000	Pass
EL36P9	TJ7904	11	[36]	1.56	112,762	141%	100,000	Pass	100,000	Pass
EL43TP9	TJ7912	14	[43]	2.25	105,374	132%	100,000	Pass	100,000	Pass
EL43TP9	TJ7913	14	[43]	2.25	110,547	138%	100,000	Pass	100,000	Pass
EL43TP9	TJ7914	14	[43]	2.25	109,206	137%	100,000	Pass	100,000	Pass
EL57TP9	TJ8149	18	[57]	4.00	108,076	135%	100,000	Pass	100,000	Pass
EL57TP9	TJ8151	18	[57]	4.00	107,445	134%	100,000	Pass	100,000	Pass
EL57TP9	TJ8147	18	[57]	4.00	106,706	133%	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.

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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