

LENTON® Position Couplers (P9) - Independent Test Data

ASTM® A706 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 (80,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL20P9	TJ2450	6	[20]	0.44	99,645	166%	75,000	Pass	80,000	Pass
EL20P9	TJ2451	6	[20]	0.44	98,348	164%	75,000	Pass	80,000	Pass
EL20P9	TJ2452	6	[20]	0.44	100,323	167%	75,000	Pass	80,000	Pass
EL22P9	TJ2490	7	[22]	0.60	101,497	169%	75,000	Pass	80,000	Pass
EL22P9	TJ2491	7	[22]	0.60	100,162	167%	75,000	Pass	80,000	Pass
EL22P9	TJ2492	7	[22]	0.60	100,935	168%	75,000	Pass	80,000	Pass
EL25P9	TJ2320	8	[25]	0.79	93,889	156%	75,000	Pass	80,000	Pass
EL25P9	TJ2321	8	[25]	0.79	92,189	154%	75,000	Pass	80,000	Pass
EL25P9	TJ2322	8	[25]	0.79	92,066	153%	75,000	Pass	80,000	Pass
EL28P9	TJ2460	9	[28]	1.00	98,318	164%	75,000	Pass	80,000	Pass
EL28P9	TJ2461	9	[28]	1.00	100,540	168%	75,000	Pass	80,000	Pass
EL28P9	TJ2462	9	[28]	1.00	98,978	165%	75,000	Pass	80,000	Pass
EL32P9	TJ2470	10	[32]	1.27	91,488	152%	75,000	Pass	80,000	Pass
EL32P9	TJ2471	10	[32]	1.27	92,834	155%	75,000	Pass	80,000	Pass
EL32P9	TJ2472	10	[32]	1.27	90,143	150%	75,000	Pass	80,000	Pass
EL36P9	TJ2310	11	[36]	1.56	94,733	158%	75,000	Pass	80,000	Pass
EL36P9	TJ2311	11	[36]	1.56	95,406	159%	75,000	Pass	80,000	Pass
EL36P9	TJ2312	11	[36]	1.56	95,624	159%	75,000	Pass	80,000	Pass
EL43TP9	TJ2543	14	[43]	2.25	94,154	157%	75,000	Pass	80,000	Pass
EL43TP9	TJ2544	14	[43]	2.25	94,733	158%	75,000	Pass	80,000	Pass
EL43TP9	TJ2545	14	[43]	2.25	93,785	156%	75,000	Pass	80,000	Pass
EL57TP9	TJ2500	18	[57]	4.00	90,854	151%	75,000	Pass	80,000	Pass
EL57TP9	TJ2501	18	[57]	4.00	90,133	150%	75,000	Pass	80,000	Pass
EL57TP9	TJ2502	18	[57]	4.00	91,250	152%	75,000	Pass	80,000	Pass

*** Actual performance also exceeds ACI 318 Type 1 and Type 2 for ASTM A615 Grade 60.**

Table is a summary of STORK HERRON Independent Laboratory (now known as ELEMENT MATERIALS TECHNOLOGY) 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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 IBC is a registered trademark of the International Code Council Inc.

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