

LENTON[®] Weldable Position Couplers (P9J) - 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]							
EL20P9J	TJ5805	6	[20]	0.44	102,598	171%	75,000	Pass	90,000	Pass
EL20P9J	TJ5806	6	[20]	0.44	102,652	171%	75,000	Pass	90,000	Pass
EL20P9J	TJ5807	6	[20]	0.44	102,764	171%	75,000	Pass	90,000	Pass
EL22P9J	TJ5816	7	[22]	0.60	100,385	167%	75,000	Pass	90,000	Pass
EL22P9J	TJ5817	7	[22]	0.60	101,768	170%	75,000	Pass	90,000	Pass
EL22P9J	TJ5818	7	[22]	0.60	102,908	172%	75,000	Pass	90,000	Pass
EL25P9J	TJ5761	8	[25]	0.79	93,672	156%	75,000	Pass	90,000	Pass
EL25P9J	TJ5762	8	[25]	0.79	93,734	156%	75,000	Pass	90,000	Pass
EL25P9J	TJ5763	8	[25]	0.79	93,271	155%	75,000	Pass	90,000	Pass
EL28P9J	TJ7044	9	[28]	1.00	103,702	173%	75,000	Pass	90,000	Pass
EL28P9J	TJ7045	9	[28]	1.00	105,891	176%	75,000	Pass	90,000	Pass
EL28P9J	TJ7046	9	[28]	1.00	106,538	178%	75,000	Pass	90,000	Pass
EL32P9J	TJ7034	10	[32]	1.27	98,179	164%	75,000	Pass	90,000	Pass
EL32P9J	TJ7035	10	[32]	1.27	103,638	173%	75,000	Pass	90,000	Pass
EL32P9J	TJ7036	10	[32]	1.27	101,597	169%	75,000	Pass	90,000	Pass
EL36P9J	TJ7023	11	[36]	1.56	98,730	165%	75,000	Pass	90,000	Pass
EL36P9J	TJ7024	11	[36]	1.56	102,776	171%	75,000	Pass	90,000	Pass
EL36P9J	TJ7025	11	[36]	1.56	101,412	169%	75,000	Pass	90,000	Pass

*** Actual performance also exceeds ACI 318 Type 1 and Type 2 for ASTM A706 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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