



S. R. Industries

STAR ARC E8010-P1

E8010-P1 is an excellent all-position, cellulosic mild steel electrode providing strong, dependable, X-ray quality welds. It delivers great arc stability and the best penetration possible when welding pipe steels with silicon contents of up to 0.30. It's also great for welding X56-X70 pipe. This welding electrode is ideal for vertical-down welding in both single and multi-pass operations.

Typical Applications : High-yield pipe steels, drill platforms, shipbuilding, storage tanks

AWS Class : E8010-P1	Classification : AWS A5.5/A5.5M:2006
Alloy : E8010-P1	ASME SFA A5.5
Welding Position : F, V, OH, H	Current : DCEP
Tensile Strength, kpsi:	80
Yield Strength, kpsi:	67
Elongation in 2" (%):	19

Typical Wire Chemistry as per AWS A5.5 (single values are maximum)

C	Mn	Si	P	S	Ni	Cr	Mo	V
0.20	1.20	0.60	0.03	0.03	1.00	0.30	0.50	0.10

Typical Welding Parameters

Diameter		Process	Volt	Amps
in	(mm)			
1/8	(3.2)	SMAW	26-28	65-120
5/32	(4.0)	SMAW	26-28	100-165
3/16	(4.8)	SMAW	26-28	130-210

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