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In-Flux 309L-O flat & horizontal

AWS E309LT0-3

Description

An austenitic stainless steel deposit used for joining common austenitic stainless steels such as Types 304, 304L, 309, and 309L. It is often used for overlaying carbon steel and low alloy steel, as well as for joining stainless steel to carbon or low alloy steel. Approvals and conformance: AWS Spec A5.22, ASME SFA5.22, ABS

Typical Deposit Analysis %

C	0.03
Mn	1.73
Si	0.58
Cr	23.10
Ni	12.90
Fe	Bal.

Typical Properties as Welded

Tensile Strength	91,000 psi
Yield Strength	70,000 psi
Elongation in 2"	40%
DeLong Ferrite Number	11