ELOX SG 308-H

Standards

TS EN ISO 14343-A	: W 19 9 H
EN ISO 14343-A	: W 19 9 H
AWS A5.9	: ER 308 H

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Cr	Ni
0.06	0.5	1.7	20.1	9.8

Mechanical Properties

Yield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Impact Strength (ISO-V/0°C)	Elongation ($(L_o=5d_o)$ (%))
min. 350	min. 550	min. 63 J	min. 25

Typical Base Material Grades

- X2 CrNi 19 11, X5 CrNi 19 11, X 5 CrNi 18 8, X 12 CrNi 17 7, X 12 CrNi 18 8, G-X 10 CrNi 18 8, G-X 12 CrNi 18 8
- AISI: 304 L, 301,302,304,308

Features and Applications

- Applicability in welding tempered high-strength steels as well as stainless steels, carbon steels, and 18/8, Cr-Ni -alloy steels
- Requirement of use of Ar as “shielding gas for TIG welding”

Welding Positions

Current Type

TIG D.C.(-), MIG D.C.(+)

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
6011100318	2.0 x 1000	5/64 x 39”	5	Plastic Box
6011100319	2.4 x 1000	3/32 x 39”	5	Plastic Box
6011100320	3.2 x 1000	1/8 x 39”	5	Plastic Box

Approvals: SEPRO, CE