ST-308

Classification

AWS	A5.9/ASME SFA-5.9 ER308
JIS	Z 3321 YS308
EN	ISO 14343-A-W 19 9
KS	D7026 Y308

Features

- Resistance to crack
- High Efficiency
- Resistance to corrosion

Current

DC -

Application Areas

- Steel structures
- Oil, nuclear reactor

Shielding Gas

100% Ar

Approvals

ABS	DNV	KR	CE
✓	✓	✓	✓

Typical Chemical Composition of the Wire (wt%)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo
0.04	0.36	1.8	0.02	0.01	0.05	9.5	19.9	0.13

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
630 (91)	45	-60 (-75)	105 (77)

Wire Diameter & Packaging

Wire Diameter mm(in)	Packaging
1.6 (1/16)	5kg(11lbs)*1000
2.0 (5/64)	
2.4 (3/32)	
2.6 (0.10)	
3.2 (1/8)	