ST-72

Classification

AWS A5.18/ASME SFA-5.18 R70S-2
JIS Z 3316 YGT50
EN ISO 636-A-W2Ti

Features

- Good performance in all position
- One-side welding(tube)
- Ar 100% gas

Current

DC -

Application Areas

- Pressure vessels
- Shipbuilding

Shielding Gas

100% Ar

Approvals

CWB
✓

Typical Chemical Composition of the Wire (wt%)

C	Si	Mn	P	S	Ti
0.05	0.52	1.15	0.014	0.004	0.07

Typical Mechanical Properties of All-Weld Metal

Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
560 (81)	640 (93)	31	-30 (-20) -50 (-60)	155 (114) 60 (44)

Wire Diameter & Packaging

Wire Diameter mm(in)	Packaging
1.2 (0.045)	5kg(11lbs)*1000
1.6 (1/16)	
2.0 (5/64)	
2.4 (3/32)	
3.2 (1/8)	