

SMT-7030

Classification

AWS A5.7/ASME SFA-5.7 ERCuNi
JIS Z 3341 YCuNi-3

Features

- No preheat & PWHT required, maximum interpass temperature '- 50°C
- Contamination of the weld zone with foreign material, particularly any source of lead, tin or zinc must be scrupulosly avoided to prevent weld metal cracking

Application Areas

- Desalination plant
- Evaporators and etc in salt and sea water processing system

Approvals

ABS	RS
✓	✓

Typical Chemical Composition of the Wire (wt%)

Mn	Cu	Ni	Ti	Mg
1	66.5	30.5	0.4	1

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)
420(61)	36

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux

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)	

SMW

GMW

GTW

FCW

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