

Applications

Used for welding of offshore oil/gas, and petrochemical process industries.

Characteristics on Usage

- ① Used for welding 90%Cu-10%Ni copper-nickel alloys and dissimilar welding copper-nickel alloys.
- ② Provide good corrosion resistant in various corrosive environmental conditions.

Shielding Gas

Ar, Ar+He

Typical Chemical Composition of Wire (%)

C	Si	Mn	P	S	Ni	Ti	Cu
0.005	0.04	0.85	0.006	0.001	10.5	0.27	Rem.

Typical Mechanical Properties of All-Weld Metal

TS MPa(lbs/in ²)	EL (%)
380 (55,000)	36.0

Packing

SM-9010	Size(mm)	1.0	1.2	1.4	1.6
	Weight	Spool: 12.5kg			
ST-9010	Size(mm)	2.0	2.4	3.2	
	Weight	5kg*1,000mm			

Approval

KR