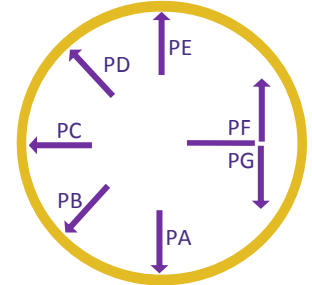


Applications

- Super Duplex stainless steel wire with the weld metal of 22.5%Cr,9.2%Ni, 3.5%Mo,0.25%N,It has ferrite/austenite characteristics and PRE \geq 40.
- Welding of offshore oil/gas,chemical and petrochemical plant.



Features

- Good general corrosion restance
- Superior pitting resistance.

Typical Chemical Composition of the Wire (%)

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
0.011	0.41	0.53	0.019	0.001	25.27	9.13	3.86	0.21	0.257

Typical Mechanical Properties of All-Weld Metal

TS MPa	EL(%)	Temp °C	CVN- Impact value (J)	PREN
890	28.6	-50	195	40

Dimensions and Packing Details

1.60mm x 1000mm 5Kg Tube
 2.40mm x 1000mm 5Kg Tube

Current

GTAW:DC-
 GMAW:DC+

Shielding Gas

Ar
 Ar+O₂