

ROWELD-8016 C3

A BASIC COATED, HYDROGEN CONTROLLED, 1.00% NI ALLOYED ELECTRODE FOR WELDING LOW ALLOY STEELS.

BASIC ALLOY: FE, MN, SI, NI,
AWS/SFA-5.5: E 8016 C3
EN ISO 3580-A E CRMO2B
12 H5

KEY FEATURES:

ROWELD-8016-C3 A Hydrogen controlled, basic coated electrode presence 1.0% Ni applications. Usually where notch toughness at temperatures as low as -40°C. These electrodes provide excellent puddle control with good wetting action

APPLICATIONS

- applications include storage tanks for liquefied gases, distillers in coke oven batteries and in petrochemical industries. Ideal for welding high strength and fine grained steels subject to severe stress and heavy impact at subzero temperatures

RE-DRY CONDITION:

- Re-Dry the electrode at -350°C for one hour before use

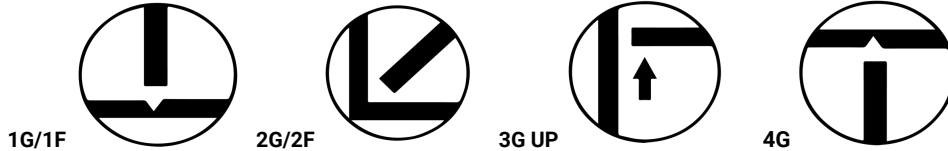
CHEMICAL COMPOSITION:

C	Mn	Si	S&P	Cr	Mo
0.12 max	0.40-1.25	0.80 Max	0.030 Max	0.15 Max.	0.15 Max

MECHANICAL PROPERTIES:

YS (N/mm ²)	UTS (N/mm ²)	EL % (l=5d)	CHARPY "V" NOTCH IMPACT AT
470 min.	550 Min.	24 min	-40C: 50-80 Joules

WELDING POSITION



DIEMENSION, CURRENT CONDITION & PACKING DATA

Size (mm) (DIA)	Size (inch) (DIA)	Current Condition (DC+) Amps	Kg./pkt.	KG/Case
2.50/ 2.40	3/ 32"	70-100	5	20
3.15/ 3.20	1/ 8"	100-130	5	20
4.00	5/ 32"	140-180	5	20
5.00	3/ 16"	190-230	5	20