

# ROWELD-9016 B3

LOW HYDROGEN TYPE ELECTRODE FOR ALL-POSITION WELDING WHICH PROVIDES THE WELD METAL 2.25% CR-1% MO

BASIC ALLOY: FE, CR,MO  
AWS/SFA-5.5: E E 9016 B3  
EN ISO 3580-A E CRMO2B 12 H5

## KEY FEATURES:

ROWELD-9016-B3 is a low hydrogen type electrode for all-position welding which provides the weld metal 2.25% Cr-1% Mo

## APPLICATIONS

- Suitable Welding of 2.25% Cr-1% Mo steel used for super-heater tubes and steam pipes of boilers for electric power plant and marine use, equipment's for oil refining industries and high temperature synthetic chemical industries

## RE-DRY CONDITION:

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

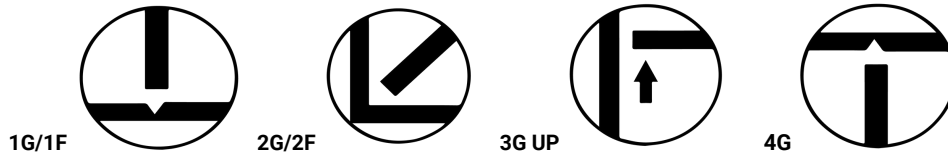
## CHEMICAL COMPOSITION:

C	Mn	Si	Cr	Mo	S&P
0.05-0.12	0.90 Max.	0.60 Max	2.00-2.50	0.90-1.20	0.030 Max

## MECHANICAL PROPERTIES:

YS (N/mm <sup>2</sup> )	UTS (N/mm <sup>2</sup> )	EL % (l=5d)
530 min.	620 Min.	20 min

## WELDING POSITION



## DIEMENSION, CURRENT CONDITION & PACKING DATA

Size(mm) (Dia)	Size(inch) (Dia)	Current Condition (DC+/AC) 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