



NexaWeld®

J-506

CLASSIFICATION

AWS A/SFA 5.4 E-410-15

MARTENSITIC STAINLESS STEEL ELECTRODE For Corrosion and Heat Resistance

DESCRIPTION

J-506 is a basic coated low hydrogen electrode depositing 13 Cr weld metal, oxidation & corrosion resistibility of weld metal is good.

APPLICATIONS

The electrode is recommended for surfacing of the parts where corrosion resistibility is required as in chemical and petroleum industry, valve seats, steam & turbine components and also suitable for 14000, 14002, 14006, 14021, AISI 410/420 steel.

CHEMICAL COMPOSITION %

C	Mn	Si	Cr	Ni	Mo	Cu	S	P
0.10max	1.0max	0.20-0.65	11.0-13.5	0.7max	0.5max	0.5max	0.03max	0.04max

ALL WELD MECHANICAL PROPERTIES

UTS, MPa	EL%
520 min	20 min

RECOMMENDED CURRENT CHARACTERISTICS : AC / DC (+)

SIZE mm DxL	2.50x350	3.15x350	4.00x450
CURRENT (Amps)	50-70	80-120	130-160

PRECAUTIONS

Redrying Condition : 300°c for one hour before use.

Packing Specification - **Supplied in 2 Kgs x 5 Pkts = 10 Kgs**