



Superinox 2A

STAINLESS STEEL (Austenitic Steel)

Stainless steel Electrode for chemical-pitting resistance

CLASSIFICATION :	EN 1600	AWS A/SFA 5.4	IS 5206	APPROVALS:
	E 19 12 2 R 12	E 316-16	E 19.12.2 R26	RDSO

KEY FEATURES :

- Rutile type coating
- 19/12/Mo SS electrode
- Offers improved corrosion and pitting resistance in marine and industrial environment
- Controlled ferrite content for maximum cracking resistance
- Excellent welder appeal
- All position capability
- Radiographic quality weld

WELDING POSITION :		AC (70 OCV)/DCEP
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TYPICAL APPLICATIONS :

- Welding Mo bearing austenitic alloys represented by AISI 316, 317
- Suitable for material no. 1.4401 and similar grades
- Welding of equipments in Chemical, Paper and pulp, Paint and dye industries

REDRYING CONDITION : 300°C for 1 hr. (Also available in vacuum packed condition)

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt % :

	C	Mn	Si	Cr	Ni	Mo	S	P
Typical	0.04	1.5	0.5	19.0	12.0	2.4	0.02	0.02
Specification	0.08 max.	1.0-2.5	0.3-0.9	17.0-20.0	11.0-14.0	2.0-3.0	0.03 max	0.04 max

MECHANICAL PROPERTIES OF ALL WELD METAL :

	Condition	UTS, MPa	EL%	Ferrite No.
Typical	As Welded	595	36	6
Specification		530-650	30-40	4-8

PARAMETERS - PACKING DATA :

Ø x L, mm	Amperage, A	Wt./Carton, Kg	Cartons/Box	Net wt./Box, Kg
2.0 x 300	35-45	2	5	10
2.5 x 300	50-75	2	5	10
3.15 x 300	80-100	2	5	10
4.0 x 300	110-140	2	5	10