

## RELINOX 316L

### STAINLESS STEEL STICK WELDING ELECTRODE

Classification : AWS : A5.4 E 316L-16  
DIN : E19123n CR26  
BS : 19.12LR  
JIS D 316L-16  
Werkstoff Nr. : 1.4455

Approval :

**Description** : An extra low carbon, lime titanium type stainless steel welding stick electrodes with 18Cr%,12Ni% & 2.30Mo% with excellent resistance to corrosion, heat and cracking. The weld Metal creep resistance and radiography weld quality with stable and smooth arc, easy Slag detachability and fine rippled weld bead with spatter free welding.

**RE-DRY CONDITION** : Re-Dry the electrode at 300°C for 1 hrs, for best results.

#### ALL WELD CHEMICAL COMPOSITION %

C	Mn	Si	Ni	Cr	Mo	S&P
0.030 Max.	1.50 Max.	1.00 Max.	11.0-14	17.0-20.	2.0-3.0	0.025 Max

#### ALL WELD MECHANICAL PROPERTIES :

YS (N/mm <sup>2</sup> )	UTS (N/mm <sup>2</sup> )	EL % (l=4xd)	CHARPY "V" NOTCH IMPACT AT
>340	>560	>35	-+20 <sup>0</sup> C : >70 Jouls

#### DIEMENSION, CURRENT CONDITION & PACKING DATA

Size(mm) (DXL)	Size(inch) (DXL)	Current Condition (DC+/AC 70V)	kg/pkt.	kg/Case
2.50/2.40x350	3/32"x14"	50-80	2	10
3.15/3.20x450	1/8"X14"/18"	70-110	2	10
4.00x450	1/16"X18"	100-140	2	10
5.00x450	5/32"X18"	130-180	2	10

Customer packing on request.