



# ZEDALLOY 17Cr NS PLUS

HARD FACING (Abrasion - Corrosion)

### ALLOY BASIS

C, Cr, Mn

### KEY FEATURES:

- Basic coated non synthetic electrode
- Ferritic martensitic machinable deposit
- Air hardenable weld deposit
- Hardness retention upto 500°C
- Best results in 2 layer overlay
- Resistance against abrasion and corrosion


### TYPICAL APPLICATIONS:

- Surfacing of unalloyed and low alloyed steels
- Surfacing on sealing faces of steam/water/gas valve
- Overlay on stainless steel





### MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	2 Layer, Hardness, HRc, Typical
As Welded	45

### PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	 DCEP  <b>REDRYING CONDITION:</b> 250-300°C for minimum 1 hr.
3.15 x 350	90-120	
4.0 x 350	130-160	
5.0 x 350	160-200	

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kg each.

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

Physical Properties: With increase in number of squares, property improves