

CORDIFF 801 ER

Characteristics:

CORDIFF 801ER is a specially developed tubular wire electrode, which produces highly alloyed deposit of Fe-C-Cr-Ni-B and other special alloyed elements. Weld metal deposition provides excellent resistance to severe erosion and moderate impact. The alloy primarily consists of carbides, borides and other complex carbides. It has excellent toughness for this high hardness range.

Applications: Hardfacing on parts of coal mining equipment, cement, steel and mineral industries subjected to fine particle erosion.

Major alloying element:

C	Si	Cr	Ni	B
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Hardness:

60 - 67 HRC

WELDING PARAMETERS: Current: DC+

DIA. (mm)	VOLTAGE	AMPS
1.6	22 – 26	180 – 240
2.0	23 – 28	220 – 260
2.4	25 – 30	260 – 320
2.8	26 – 31	300 - 360

STANDARD PACKING:

Spool = 15 kgs(± 1kg) Spool = 25 kgs(± 1kg) Drum = 200 - 250kgs

DIFFUSION ENGINEERS LIMITED

Regd. Office & Works I : T-5/6, M.I.D.C, Hingna Industrial Area, Nagpur-440 016, (T) 091-7104-232084, 234727 (F) 232085

Works II : N-78/79, MIDC, Hingna Industrial Area, Nagpur – 440 016. (T) 091-7104-236036

Works III : T-12, MIDC, Hingna Industrial Area, Nagpur – 440 016.(T) 091-7104-232984

Email : info@diffusionengineers.com Website : www.diffusionengineers.com

Branch Offices : Chennai, Faridabad, Jamshedpur, Pune, Raipur, Secunderabad, Vadodara.