

# CORDIFF 480-NBS

**Characteristics:**

A tubular wire CORDIFF 480 NBS deposits a high C-Cr-Nb alloyed weld metal used for hardfacing which gives excellent resistant to extreme abrasive wear.

CORDIFF 480 NBS forms weld deposit which consists of chrome and niobium carbides which offers an excellent resistance to abrasion. Good results are achieved by welding in two layers.

**Applications:**

Hardfacings on parts for coal mining equipment, steel industry, cement industry and mineral industries.

**Standard:** DIN 8555 - MF- 10- 60- G

**Hardness:** 58 - 62 HRC

**Major Alloying element:**

C	Si	Cr	Nb	Fe
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**WELDING PARAMETERS: Current – DC+**

DIA. (mm)	VOLTAGE	AMPS
1.6	22 – 26	170 – 230
2.0	24 – 27	220 – 260
2.4	25 – 29	260 – 330
2.8	27 – 30	300 - 360

**STANDARD PACKING:**

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

**DIFFUSION ENGINEERS LIMITED**

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