

## CORDIFF 603

CORDIFF 603 is a tubular wire which produces a Cr-Mo-W-V alloyed deposit. The weld metal has high hardenability and produces hardness up to 48 Rc even with relatively slow cooling rates. Crack resistance is good provided adequate preheat and interpass temperature are applied together with slow cooling after welding. Resistance to tempering is good.

### Applications:

Best suited for parts subjected to abrasion, impact and compressive loads, Blast furnace bells, sealing, sand pumps, dredge pump parts, dredge ladder rolls, tools - joints etc.

### Hardness:

<b>45 - 48 HRC</b>
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### Major Alloying element:

<b>C</b>	<b>Cr</b>	<b>Mo</b>	<b>V</b>	<b>W</b>
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### Welding Parameters:

<b>DIA. (mm)</b>	<b>VOLTAGE</b>	<b>AMPS</b>
<b>1.6</b>	<b>24 – 26</b>	<b>180 – 220</b>
<b>2.0</b>	<b>25 – 27</b>	<b>220 – 250</b>
<b>2.4</b>	<b>25 – 28</b>	<b>260 – 300</b>
<b>2.8</b>	<b>26 – 28</b>	<b>300 - 340</b>

### Standard Packing:

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

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