



# CEWELD E Alloy B3

<b>TYPE</b>	Nickel based stick electrode								
<b>APPLICATIONS</b>	Hastelloy B2, Hastelloy B3, dissimilar welding Hastelloy to nickel- of iron-based corrosion alloys, for weld overlay cladding								
<b>PROPRIÉTÉS</b>	E Alloy B3 is a nickel-base alloy with excellent resistance tot hydrochlorid acid at all concentrations and tempertures. It also withstands hydrogen chloride, sulfuric, acetic, hydrofluoric nd phosphoric acids. The alloy has improved thermal stability, fabricability and stress corrosion cracking resistance.								
<b>CLASSIFICATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.11: E NiMo-10</td> </tr> <tr> <td>EN ISO</td> <td>14172: Ni1067 (NiMo30Cr)</td> </tr> <tr> <td>W.Nr.</td> <td>2.4695</td> </tr> <tr> <td>F-nr</td> <td>43</td> </tr> </table>	AWS	A 5.11: E NiMo-10	EN ISO	14172: Ni1067 (NiMo30Cr)	W.Nr.	2.4695	F-nr	43
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<b>CONVIENT POUR</b>	<b>Hastelloy B2, Hastelloy B3,</b> 17744, 17750, 17751, 17752, 17753 ASTM: B 333, B 335, B 564, B 619, B 622, B 626								

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
0.01	0.1	1.5	2.5	68	27	1.2	1	1

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	400	700	40	120		HRc

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175**



# CEWELD E Alloy B3

E ALLOY B3 3,2 X 355MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419897

E ALLOY B3 4,0 X 355MM

Packaging	KG/unit	EanCode
Can	2,27	8720663419927