



CEWELD E Alloy B3

TYPE	Nickel based stick electrode								
APPLICATIONS	Hastelloy B2, Hastelloy B3, dissimilar welding Hastelloy to nickel- of iron-based corrosion alloys, for weld overlay cladding								
PROPRIÉTÉS	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.								
CLASSIFICATION	<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
AWS	A 5.11: E NiMo-10								
EN ISO	14172: Ni1067 (NiMo30Cr)								
W.Nr.	2.4695								
F-nr	43								
CONVIENT POUR	Hastelloy B2, Hastelloy B3, 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 _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	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