



CEWELD E Alloy C-276

TYPE	Stick electrode for welding NiCrMo alloys such as Hastelloy C-276. (Type Ni 6276, E NiCrMo-4)		
APPLICATIONS	CEWELD® E Alloy C-276 is used for welding materials of similar composition. This low carbon Nickel-Chromium-Molybdenum filler metal can also be used for dissimilar welding between nickel base alloys and stainless steels, as well as for surfacing and cladding on low alloyed steels. Applications include pumps, valves, pipelines and tanks in chemical processing plants, flue gas desulphurization plants and in the offshore oil and gas industry. The simple slag removal reduces the cleaning effort after welding to a minimum.		
PROPERTIES	Thanks to its high molybdenum content, CEWELD® E Alloy C-276 offers excellent resistance to stress corrosion cracking, pitting and crevice corrosion. It also has high mechanical properties with excellent weldability with DC+. The easy slag removal reduces the cleaning effort after welding to a minimum.		
CLASSIFICATION	AWS EN ISO W.Nr. F-nr FM	A 5.11: E NiCrMo-4 14172: E Ni 6276 2.4886 43 6	
SUITABLE FOR	Alloy 276, Ni 6276 (NiCr15Mo16Fe6W4). 2.4886, 2.4887 M.No: 1.5680, 1.5682, 2.4819, 2.4883 NiMo16Cr15W, X12Ni5 / 12Ni19, X8Ni9, G-NiMo16Cr Alloy C4, Hastelloy C276, A494CW-12MW, A743 / A744CW-12M		

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo	Fe	W
0.01	0.1	0.8	15.5	60	16	5.5	3.2

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	500	760	29	HRc

REDRYING 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD E Alloy C-276

E ALLOY C-276 2,4 X 229MM

Packaging	KG/unit	EanCode
Can	2,27	8720663420466

E ALLOY C-276 3,2 X 356MM

Packaging	KG/unit	EanCode
Can	2,27	8720663420473

E ALLOY C-276 4,0 X 356MM

Packaging	KG/unit	EanCode
Can	2,27	8720663420480