



CEWELD Alloy C-276

TYPE	Filler metal for welding similar NiCrMo C276 alloys.												
APPLICATIONS	CEWELD® Alloy C276 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.												
PROPERTIES	Due to high molybdenum content this alloy offers excellent resistance too stress & corrosion cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability.												
CLASSIFICATION	AWS	A 5.14: ERNiCrMo-4											
	EN ISO	18274: S Ni 6276 (NiCr15Mo16Fe6W4)											
	W.Nr.	2.4886											
	F-nr	43											
	FM	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	 PA  PB  PC  PD  PE  PF												
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	V	Fe	W	Co	Cu
	0.01	0.07	0.4	0.02	0.01	15.5	70	16	0.2	5	3.5	1	0.2
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V						Hardness		
					RT		-196°C						
	As Welded	470	740	32	100		60				HRc		
REDRYING	Not required												
GAS ACC. EN ISO 14175	I1												



CEWELD Alloy C-276

ALLOY C-276 0,8MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663420091

ALLOY C-276 0,9MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663420077

ALLOY C-276 1,0MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663420084

ALLOY C-276 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663420107

ALLOY C-276 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663420114

ALLOY C-276 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663420121
BS-300	13,6	8720663420138