





TYPE Rutile flux-cored nickel based welding wire for gas shielded arc welding.(Type 2.4878, C-276)

APPLICATIONS AA 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 super austenitic stainless steels, as well as for surfacing and cladding on low alloyed steels.

PROPERTIES Due to high molybdenum content this alloy offers excellent resistance to stress & corrosion

cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability due to

improved wetting compare to solid wire.

CLASSIFICATION AWS A 5.34: E NiCrMo4T1-4

EN ISO 12153-A: T Ni 6276 (NiCr15Mo15Fe6W4) P M21 2

F-nr 43 FM 5 W.Nr. 2.4886

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 No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL

(%)

С	Si	Mn	Cr	Ni	Мо	Fe	W	Р	S
0.018	0.16	0.75	15.5	58	16	6	3.5	0.015	0.015

ALL WELD MECHANICAL

PROPERTIES

Heat	R _{P0,2}	Rm	A5	Impact Energy (J) ISO-V		
Treatment	MPa	MPa	(%)	-100°C	-196°C	
As Welded /	450	750	48	60	55	

REDRYING TEMPERATURE 140°C / 24 hr

GAS ACCORDING EN 14175 M21







AA C-276 1,2MM

Type	KG/unit	EANCode		
BS-300	15	8720663418845		