

Wire and Welding products

HAYNES
Wire Company



HASTELLOY® C-276 RTW™ Filler Metal

Product Description:

HASTELLOY® C-276 RTW™ filler metal is used for the gas metal arc, gas tungsten arc and submerged arc welding of C-276 alloy. HASTELLOY® C-276 also is a good candidate for overlay or cladding of steels when enhanced corrosion resistance is required. Dissimilar welding applications include other nickel-chromium-molybdenum alloys and stainless steels. The RTW™ filler metal finish on the spooled wire promotes smooth feeding through welding equipment and reduced tip wear in contact tips.

Specifications:

AWS A5.14 ERNiCrMo-4
ASME-SFA-5.14 ERNiCrMo-4
Kennblatt 0320.04(C/L)*

UNS N10276
ASME IX F-43

*Specify at time of order

Weld Deposit Chemistry:

Ni.....	Balance	Cu.....	0.50 max.
Cr.....	14.5 - 16.5	Other.....	0.50 max.
Mo.....	15.0 - 17.0	V.....	0.35 max.
Fe.....	4.0 - 7.0	C.....	0.02 max.
W.....	3.0 - 4.5	S.....	0.03 max.
Co.....	2.5 max.	P.....	0.04 max.
Mn.....	1.0 max.	Si.....	0.08 max.

Minimum Mechanical Properties:

Tensile (psi)	100,000
Mpa	690
Elongation (%)	30

Available Product Forms:

Diameter in	0.031	0.035	0.039	0.045	0.047	0.062	0.078	0.093	0.125
Diameter mm	0.8	0.9	1.0	1.1	1.2	1.6	2.0	2.4	3.2

Filler metals are available in spools and in cut lengths from the above diameters.
Straight lengths are available in 36" lengths.

HW-7019B

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