

Wire and Welding products

HAYNES
Wire Company



HASTELLOY® C-2000® RTW™ Filler Metal

Product Description:

HASTELLOY® C-2000® RTW™ filler metal is used for gas metal arc, gas tungsten arc and submerged arc welding of C-2000® alloy. The deposited weld metal has excellent resistance to uniform corrosion conditions in a variety of media including oxidizing and reducing environments. The alloy makes a great candidate for dissimilar joining of other nickel-chromium-molybdenum alloys and also molybdenum containing 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-17
ASME Code Case 2337
Kennblatt 9678.02 (C/L)*

UNS N06200
ASME IX F-43
Kennblatt 9679.02 (Spools)*

*Specify at time of order

Weld Deposit Chemistry:

Ni.....Balance
Cr.....22.0 - 24.0
Mo.....15.0 - 17.0
Co.....2.0 max.
Fe.....3.0 max.
Cu.....1.3 - 1.9
Al.....0.50 max.

Mn.....0.50 max.
Other.....0.50 max.
Si.....0.08 max.
P.....0.025 max.
C.....0.010 max.
S.....0.010 max.

Minimum Mechanical Properties:

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

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-7021B

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