

# 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:

<b>Diameter in</b>	0.031	0.035	0.039	0.045	0.047	0.062	0.078	0.093	0.125
<b>Diameter mm</b>	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

**HAYNES**  
Wire Company

158 N. Egerton Road P.O. Box 677 Mountain Home, North Carolina USA 28758-0677  
Telephone: 828-692-5791 800-438-7263 FAX: 828-697-9818 haynesintl.com

**HASTELLOY® C-2000® RTW™ Filler Metal**