



Supplier of Welding Alloys

## Stainless Steel Coated Electrodes

### Oxford Alloy® 330-16

**SPECIFICATIONS**

AWS 5.4  
ASME SFA 5.4

**CLASSIFICATIONS**

AWS E330-16  
UNS W88331

**DESCRIPTION / APPLICATION**

Oxford Alloy E330-16 is an electrode designed to run on direct current, reversed polarity as well as alternating current. The high nickel content of Oxford Alloy E330-16 gives a strong adherent surface oxide that resists scaling at elevated temperature above 1800°F. This electrode is used primarily for repairing defects in alloy castings and in welding alloys of similar chemical composition.

AWS Chemical Composition						
C	Cr	Ni	Mn	Si	P	S
0.18-0.25	14.0-17.0	33.0-37.0	1.0-2.5	1.0 max	0.04 max	0.03 max
Mo	Cu					
0.75 max	0.75 max					

**TYPICAL MECHANICAL PROPERTIES**

Tensile strength: 84,500 psi 580 MPa  
Yield strength: 57,000 psi 390 MPa  
Elongation: 26%

Please contact our sales department for more information at 800-562-3355 or 225-273-4800.

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