



PRODUCT FEATURES



COATED ELECTRODES

Premium stick electrodes with best-in-class arc performance and weldability.



TIG WIRE

Quality assured to meet the most stringent industry standards. TIG wire marked with AWS class, diameter, and heat number.



MIG WIRE

Precision level layer wound with an optimized cast and helix that delivers exceptional feedability.



FLUX CORE WIRE

Meets the most demanding chemical composition and mechanical property requirements.



SAW & FLUX

Produce weld deposits with high quality and bead appearance.

QUALITY ASSURANCE

Our commitment to quality assurance is unwavering. At Oxford Alloys, we maintain the most stringent internal quality processes, testing, and monitoring procedures found in the marketplace. Our quality program is managed by internationally recognized quality professionals.

PRODUCT TESTING & TRACEABILITY

To ensure the PMI of every product prior to shipping we perform random sample testing of every heat/lot combination utilizing our niton XL3T GOLDD PLUS camera enabled instruments.

The chemical composition is validated in accordance with AWS/ASME specifications as well as our own internal requirements. Oxford Alloys products provide the most transparent and exact product traceability in the welding consumables industry.



PREMIUM FILLER METALS

Oxford Alloys is a leading global supplier of corrosion resistant welding consumables. We work closely with our worldwide network of distributors to make sure end-users in critical industries have quick access to high quality filler metals on a consistent basis.

ISO
9001:2015



CUSTOMER FOCUS



Innovative Solutions

Scan, search and store products right from your mobile device.

- **CMTR SCAN** Delivers the actual CMTR for the specific heat number of the product with a simple scan of the QR code located on the Oxford Alloys product label.
- **Product data**, easy access to technical product information Download specific product catalog pages and SOS instantly.



Approvals

In addition to compliance with all AWS/ ASME specifications many Oxford Alloys[®] and Sheffield Welding[®] consumables are also approved by numerous third parties including:

- **ABS**
- **TUV**
- **DNV**
- **NK**
- **CWB**
- **FBTS**



Customer Focus

Welders around the world depend on Oxford Alloys products and services for their most demanding applications.

- **24/7 emergency service**
- **Same day shipping**
- **Extensive in stock inventory to eliminate lead times**
- **High quality distributor network**

WE HAVE 4 STOCKING LOCATIONS



Oxford Alloy Mobile App

CMTR SCAN Streamlines CMTR Management for Welding Consumables on Mobile Devices. Free mobile app for the welding consumables industry that provides innovative leading features for mobile devices to help make finding products easier and CMTR retrieval more efficient. Scan the QR code to download our app and scan, search and store products right from your mobile device.





IN STOCK WELDING ALLOYS

MIG & TIG

Nickel Alloys

Alloys C-276	(ERNiCrMo-4)
Alloys 59	(ERNiCrMo-13)
Alloys 60	(ERNiCu-7)
Alloys 61	(ERNi-1)
Alloys 67	(ERCuNi)
Alloys 82	(ERNiCr-3)
Alloys 617	(ERNiCrCoMo-1)
Alloys 622	(ERNiCrMo-10)
Alloys 625	(ERNiCrMo-3)
Alloys 825	(ERNiFeCr-1)

Stainless Steel

ER308H	ER317L
ER308L	ER320LR
ER308LSi	ER330
ER309L	ER347
ER309LSi	ER385 (904L)
ER309LMo	ER410
ER310	ER410NiMo
ER312	ER420
ER316H	ER630 (17-4PH)
ER316L	ER16-8-2
ER316LSi	

Duplex & Super Duplex

ER2209	ER2594
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Chrome Moly

ER80S-B2	ER90S-B3
ER80S-B6	ER90S-B9
ER80S-B8	

Mild Steel

ER70S-2	ER80S-D2
ER70S-3	ER80S-Ni1
ER70S-6	ER80S-Ni2

Aluminium

ER4043	ER5356
ER5183	

Titanium & Zirconium

ERT-1	ERT-7
ERT-2	ERZr-2
ERT-5	

Bronze Alloys

Alum Bronze A-2	(ERCuAl-A2)
Deox Copper	(ERCu)
Low Fuming Bronze	(ERCuZn-C)
Silicon Bronze	(ERCuSi-A)

COATED ELECTRODES

Nickel Alloys

Alloy A	(ENiCrFe-2)
Alloy C-276	(ENiCrMo-4)
Alloy 55	(ENiFe-Cl)
Alloy 59	(ENiCrMo-13)
Alloy 99	(ENi-Cl)
Alloy 112	(ENiCrMo-3)
Alloy 117	(ENiCrCoMo-1)
Alloy 122	(ENiCrMo-10)
Alloy 141	(ENi-1)
Alloy 182	(ENiCrFe-3)
Alloy 187	(ECuNi)
Alloy 190	(ENiCu-7)

Stainless Steel

E308H-16	E317L-16
E308L-16	E320LR-16
E309H-16	E330-16
E309L-16	E347-16
E309LMo-16	E385-16 (904L)
E310-16	E410-16
E312-16	E410NiMo-16
E316H-16	E630-16 (17-4PH)
E316L-16	

Duplex & Super Duplex

E2209-16	E2594-16
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Chrome Moly

E8018-B2	E9015-B9
E8018-B6	E9018-B3
E8018-B8	E9018-B9

Mild Steel

E7018	E7018-A1
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FLUX CORED

Nickel Alloys

82T-1	(ENiCr3Ti -1/4)
625T-1	(ENiCrMo3Ti-1/4)
C276T-1	(ENiCrMo4Ti-1/4)

Stainless Steel

E308HT1-1/4	E316LT0-1/4
E308LT0-1/4	E316LT1-1/4
E308LT1-1/4	E317LT0-1/4
E309LT0-1/4	E317LT1-1/4
E309LT1-1/4	E347T1-1/4

Duplex & Super Duplex

ER2209T1-1/4	ER2594T1-1/4
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Chrome Moly

E81T1-B2	E91T1-B3
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Mild Steel

E71T1-1M	E71T1-1C/9C
E81T1-Ni1	E81T1-Ni2

SAW & FLUX

Nickel Alloys

Alloy 60	(ERNiCu-7)
Alloy 82	(ERNiCr-3)
Alloy 625	(ERNiCrMo-3)

Stainless Steel

ER308H	ER316L
ER308L	ER317L
ER309L	ER347
ER309LMo	

Duplex & Super Duplex

ER2209	ER2594
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Chrome Moly

EB2	EB6
EB3	EB8

Flux

Ni Flux	OXF300 Flux
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