



Supplier of Welding Alloys

Hardfacing Flux Cored Wire

Oxford Alloy® 700H

SPECIFICATIONS

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CLASSIFICATIONS

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DESCRIPTION / APPLICATION

Oxford Alloy 700H is a 100% CO₂ gas shielded flux cored wire for hardfacing application. The weld deposit which resists metal-to-metal wear and mild abrasion. It is widely used for surfacing on carbide forming elements. It is used for repairing crane wheels, blower blades, bucketlips, dredge parts, etc.

Typical Chemical Composition

C	Mn	Si	Cr	Mo	S	P
0.49	0.48	1.21	6.58	0.06	0.02	0.1
Ni	W					
0.05	0.5					

TYPICAL MECHANICAL PROPERTIES

Hardness of 705HV
Weld Metal: (60HRC)

Process	Diameter	Voltage (V)	Amperage (A)
FCAW	1.2mm (0.047")	24 - 28	150 - 250
FCAW	1.6mm (0.0625")	26 - 30	200 - 300

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

Data contained in this publication are typical of the products and properties described, but are not suitable for specifications.
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