



Supplier of Welding Alloys

Nickel Alloy Flux Cored Wire

Oxford Alloy® 350H

SPECIFICATIONS

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CLASSIFICATIONS

JIS YF2A-C-350

DESCRIPTION / APPLICATION

Oxford Alloy 350H is a 100% CO₂ gas shielded flux cored wire for hardfacing application. It is widely used for intermetallic abrasion, hardfacing of roller, gear, welding between wear metals.

The optimum gas flow of CO₂ for shielding is 20-25 l/min.

Typical Chemical Composition						
C	Mn	Si	Cr	Mo	S	P
0.13	0.90	0.86	1.62	0.16	0.011	0.014
Ni						
0.03						

TYPICAL MECHANICAL PROPERTIES

Hardness of 360HV
Weld Metal: (37HRC)

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.

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