



This range of electrodes is designed to cover a full range of hardfacing, surfacing and build-up applications either as a preventative measure on new components or a rectification repair to worn components.

Depending on the application, the properties sought in the application may be resistant to impact, abrasion, erosion, corrosion, resistant to oxidation, high temperature hardness and toughness or the ability of the deposit to work harden without distortion.

Unlike the majority of welding electrodes, not every electrode in this range is covered by international specification.

TYPE	AWS A5.13	DESCRIPTION	DATASHEET
HV-250B All these electrodes deposit	Silverloc	This range provides an excellent combination of resistance to wear against martensitic weld metals with the level of hardness achieved with vary	

HV-250	Download	
HV-350B	Download	
HV-350	Download	
HV-450B	EFe2	Download
HV-450	EFe2	Download
HV-600B	EFe3	Download
HV-600	EFe3	Download
HV-700	High chrome carbide alloys	Download possess excellent resistance to wear by m
HV-750	Download	
HV-800	Download	
HV-850	Download	
HV-900	Download	
HV-950	Download	
HV-1000	Download	
HV-1050	Download	
HV-1100	Download	
HR-6600	Download	
NS SUGAR	Modified chrome carbide	Download
SUGAR-825	Download	
SUGAR-827	Download	
HR-3300	Excellent resistance to abrasion	Download Good resistance to impact and good hot h
SMC-65	Download	
SMC-39	Download	
SMC-390	Download	
NS-300	Repair drop forging dies.	Download
HV-90	High speed tool steel – deposit	Download
NS ECo-1	ECoCr-C	Cobalt based alloys designed to resist oxidation up Download
NS ECo-6	ECoCr-A	Download
NS ECo-12	ECoCr-B	Download
HMN	EFeMn-B	14% Mn work hard hardened alloy with HMN-Mn Download
MNi-200	EFeMnA	Download
NSB-307	A5.4 E307-16	Welds and build-ups on 16Mn steel and welding Download
C-76	EniCrMo-5 (nearest)	For drop forging industry Download combination of re

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