WELDERS TO THE NATION SINCE 1951

ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

STAINLESS AND HEAT RESISTING STEEL STICK ELECTRODES

BRAND NAME	CLASSIFICATIONS	APPROVAL	REDRYING	POLARITY	WELDING	PRODUCT DESCRIPTION POSITION
BETANOX-C	AWS E310-16 IS E25.20 R26X	BPCL, KRL RDSO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	weld metal of 25/20 type. OXIDATION resistance upto 1150°C. Electrode is RUTILE COATED. Gives impact at minus 196°C.
BETANOX-C-15	AWS E310-15 IS E25.20 B20	BPCL	300°C for 1Hr.	DC(+)	F/H/V-DOWN/ V-up/OH	weld metal of 25/20 type. OXIDATION resistance upto 1150°C. Electrode is BASIC COATED. Gives impact at minus 196°C.
BETANOX-D	AWS E309-16 IS E23.12 R26	RDSO, BPCL KPG, TEIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit of 25/12 type. Excelent CORROSION & OXIDATION RESISTANCE upto 1100°C. Recommended for welding of dissimilar metals. Electrode is RUTILE COATED.
BETANOX-D-15	AWS E309-15 IS E23.12 B20	BPCL	300°C for 1Hr.	DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit of 25/12 type. Excelent CORROSION & OXIDATION RESISTANCE upto 1100°C. Recommended for welding of dissimilar metals. Electrode is BASIC COATED.
BETANOX-D+Cb	AWS E309Cb-16 IS E23.12 CbR26	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit of 25/12 Cb STABILISED and can withstand CORROSION & OXIDATION upto 1100°C. Cb provides resistance to IGC & HIGH STRENGTH at elevated temp.
BETANOX-D-Mo	AWS E309Mo-16 IS E23.12.2R26	BPCL, PDIL KPG, TEIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit of 25/12/2.5Mo type and exhibits improved resistance to CORROSION & HEAT.
BETANOX-K	AWS E316L-15 IS E19.12.2LB20	-	300°C for 1Hr.	DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit of 17/13/2.5Mo type. Electrode is BASIC COATED. Weld metal is FULLY AUSTENITIC & having exceptionally good CORROSION RESISTANCE. Recommended. for HIGH TEMP. SERVICE applications.
BETANOX-K (SPL)	AWS E316L-16	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld metal is FULLY AUSTENITIC & having exceptionally good CORROSION RESISTANCE. FERRITE % is less than 0.5%. Recommended for UREA GARDE applications.
BETANOX-ZF	AWS (E316L-16)	-	300°C for 1Hr.	DC(+)	F/H/V-DOWN/ V-up/OH	Weld metal is FULLY AUSTENITIC & having exceptionally good CORROSION RESISTANCE. Weld metal is 18/14/Mo type and can withstand HIGH TEMP. FERRITE % is less than 0.5%.
BETANOX-20/30	AWS E320-15	-	300°C for 1Hr.	DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit can withstand TEMP. upto 1200°C . Excellent RESISTANCE to CHEMICAL CORROSION.
BETANOX-309Cb PLUS	AWS E309Cb-17 IS E23.12Cb R26	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	For welding of SS to alloyed/ unalloyed steels. Weld metal is AUSTENITIC FERRITIC type giving 25/12Cb composition. Weld metal is exceptionally good in resistance to CHEMICAL CORROSION & HEAT.
BETANOX-309Mo PLUS	AWS E309Mo-17 IS E23.12.2 R26	PDIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld metal is AUSTENITIC FERRITIC type giving 25/12Cb composition. Weld depisit exhibits exceptionally good TENSILE STRENGTH, CORROSION & HEAT RESISTANCE.
BETANOX-310 PLUS	AWS E310-17 IS E25.20 R26X	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is FULLY AUSTENITE 25/20 type.
BETANOX-308 PLUS	AWS E308-17 IS E19.9 R26	DNV/LRS/ KPGL/PDIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is 19/10 type giving resistance to ATMOSPHERIC CORROSION FERRITE% is 3-7.
BETANOX-308L PLUS	AWS E308L-16 IS E19.9LR26	ABS/LRS PDIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is 19/10 type with extra LOW CARBON. Recomended for welding of non satbilised SS of 18/8 type. Weld metal exhibits excellent resistance to ATMOSPHERIC CORROSION. FERRITE % is 3-7.
BETANOX-316 PLUS	AWS E316-17 IS E19.12.2 LR26	DNV/LRS PDIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is 18/13 Mo SS having controlled ferrite content of 4-8%.
BETANOX-316L PLUS	AWS E316L-16 IS E19.12.2 LR26	ABS/LRS PDIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Recommended for welding of stabilised/ non-stablised SS of 316L type. Weld metal exhibits excellent CREEP STRENGTH. Weld metal is 18/13Mo type. FERRITE% is 2-8.
BETANOX-318 PLUS	AWS E318-16 IS E19.12.2Nb R26	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is having 18/13Mo/Nb composition. Fe% is 4-8%. Weld metal exhibits maximum resistance to STRESS CORROSION CRACKING, CHEMICAL CORROSION AND INTER-CRYSTALLINE CORROSION. Excellent CREEP RESISTANCE upto 850°C.
BETANOX-347 PLUS	AWS E347-16 IS E19.9Nb R26	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is having 19/10/Nb STABILISED composition. Fe% is 6-9%. Weld metal exhibits maximum resistance to CRACKING, CORROSION. Excellent CREEP RESISTANCE upto 800°C.
BETANOX-13Cr	AWS E410-15	-	300°C for 2 Hrs.	DC(+)	F/H/V-DOWN/ V-up/OH	Recommended for welding of FERRITIC MARTENSITIC CHROME steels. Weld deposit is AIR HARDENEABLE and contains about 13% Cr. For general CORROSION & HEAR RESISTANCE applications.
BETANOX-17Cr	AWS E430-15	-	300°C for 2 Hrs.	DC(+)	F/H/V-DOWN/ V-up/OH	Recommended for welding of FERRITIC MARTENSITIC CHROME steels. Weld deposit is AIR HARDENEABLE and contains about 17% Cr. For general CORROSION & HEAR RESISTANCE applications.
BETACHROME-N	IS E18.8MnB45	-	300°C for 2 Hrs.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is having 18/8/5Mn composition. Weld metal exhibits maximum resistance to ATMOSPHERE, SEA WATER and WEAK ACIDS CORROSION. Excellent HEAT RESISTANCE upto 900°C. DEPOSITION EFFICIENCY approx. 135%.
BETACHROME-ND	IS E18.8MnB20	RDSO	300°C for 2 Hrs.	DC(+)	F/H/V-DOWN/ V-up/OH	Weld deposit is having 18/8/5Mn composition. Weld metal exhibits maximum resistance to ATMOSPHERE, SEA WATER and WEAK ACIDS CORROSION. Excellent HEAT RESISTANCE upto 900°C. DEPOSITION EFFICIENCY approx. 135%.
BETANOX-DL	AWS E309L-16 IS E23.12 LR26	TEIL	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld metal is 25/12 type having extra low carbon. Recommended for welding of dissimilar steels i.e. CS to SS
BETANOX-309 PLUS	AWS E309-17	DNV/LRS/KPG PDIL	300°C for 1Hr	AC or DC(+)	F/H/V-DOWN/ V-up/OH	Weld metal is 25/12 type. Recommended for welding of dissimilar steels i.e. CS to SS.
SUPERINOX-1A	AWS E308-16 IS E19.9 R26	DCEL/KPG/NPC RDSO/TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	A low carbon 19/10 stainless steel electrode with controlled ferrite content of 3 to 7% for maximum resistance to cracking, corrosion and high temperatures up to 800°C.
SUPERINOX-1B	AWS E347-16 IS E19.9Nb R26	NPC/TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	A low-carbon 19/10 Nb stabilised stainless steel rutile-type electrode with controlled ferrite content of 6 to 9 % for maximum resistance to cracking. Nionbium prevents harmful carbide precipitation inte temperature range. Range 425 to 843°C.
SUPERINOX-1C	AWS E308L-16 IS E19.9 LR26	DECL/KPG/NPC RDSO/TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	A extra low-carbon 19/10 stainless steel electrode with controlled ferrite content of 3 to 7 % for maximum resistance to cracking. Carbon content as low as 0.028% eliminates the possibility of inter-crystalline corrosion in the temperature range of 425 to 843°C.
SUPERINOX-2A	AWS E316-16 IS E19.12.2 R26	DECL/KPG/NPC RDSO/TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	A low-carbon rutile type, 18/13 Mo stainless steel, electrode with controlled ferrite content of 4 to 8 % for maximum resistance to cracking.
SUPERINOX-2B	AWS E316-16 IS E19.12.2 R26	DECL/KPG/NPC RDSO/TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	A low-carbon 18/13 Mo/Nb stabilised electrode with controlled ferrite of 4 to 8% for maximum resistance to stress corrosion cracking, chemical corrosion and inter-crystalline corrosion.
SUPERINOX-2C	AWS E316L-16 IS E19.12.2LR26	KPG/NPC/PDIL TOYO	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	An extra low carbon 18/13 Mo stabilised steel electrode with controlled ferrite content of 3 to 8% for maximum resistance to stress corrosion cracking. Hot cracking, chemical corrosion at high temperatures up to 850°C.
SUPERINOX-2D	AWS E317L-16 IS E19.12.3LR26	-	300°C for 1Hr.	AC or DC(+)	F/H/V-DOWN/ V-up/OH	An extra low carbon 19/13 Mo stainless steel electrode with controlled ferrite content of 4 to 9% for maximum resistance to inter-crystalline Corrosion stress corrosion cracking, hor cracking and chemical corrosion. The weld-metal has excellent creep strength.

Close Window