

New Oerlikon Product Range

Edition I -2009

AWC Item Number	Product Name	Dia mm	Afrox Item Number	Specification (*Nearest Specification)	Application
MMA ELECTRODES FOR CARBON STEELS					
111002	Fincord M	2.5MM	W111002	E6013	
111003	Fincord M	3.15MM	W111003	E6013	
111004	Fincord M	4MM	W111004	E6013	Medium coated rutile type electrode for light gauge sheet welding
111005	Fincord M	5MM	W111005	E6013	
111006	Fincord M	6.3MM	W111006	E6013	
111012	Fincord Plain	2MM	W111012	E6013	
111013	Fincord Plain	3.15MM	W111013	E6013	Heavy-coated rutile type electrode with outstanding welding characteristics
111014	Fincord Plain	4MM	W111014	E6013	
111015	Fincord Plain	5MM	W111015	E6013	
111022	Supercord	2.5MM	W111022	E6013	
111023	Supercord	3.15MM	W111023	E6013	Rutile-cellulosic type electrode for general assembly work, also for lighter gauge sheet
111024	Supercord	4MM	W111024	E6013	
111042	Ferromatic	2.5MM	W111042	E7024	
111043	Ferromatic	3.15MM	W111043	E7024	
111044	Ferromatic	4MM	W111044	E7024	Heavy coated rutile high-efficiency electrodes with 160% metal recovery
111045	Ferromatic	5MM	W111045	E7024	Suitable for container and storage
111046	Ferromatic	6.3MM	W111046	E7024	vessel construction, filler and capping runs of multi-layer weldments
075372	Tenacito 7018-1	2.5MM	W075372	E7018-1	
075373	Tenacito 7018-1	3.15MM	W075373	E7018-1	
075374	Tenacito 7018-1	4MM	W075374	E7018-1	low hydrogen, basic covered electrode for welding medium tensile strength structural
075375	Tenacito 7018-1	5MM	W075375	E7018-1	and fine grained steels
111066	Tenacito 7018-1	6.3MM	W111066	E7018-1	
111472	Tenacito 7018-1 C5	2.5MM	W111472	E7018-1	
111473	Tenacito 7018-1 C5	3.15MM	W111473	E7018-1	low hydrogen, basic covered electrode for welding medium tensile strength structural
111474	Tenacito 7018-1 C5	4MM	W111474	E7018-1	and fine grained steels
111475	Tenacito 7018-1 C5	5MM	W111475	E7018-1	
MIG WIRE FOR CARBON STEELS					
122103	CARBOFIL1RBTC 150Kg	1.00MM	W122103	ER70S-6	
122104	CARBOFIL1RBTC 150Kg	1.2MM	W122104	ER70S-6	Premium copper coated MIG wire in square drums for Robotic Applications
122113	CARBOFIL1RBTC 300 Kg	1MM	W122113	ER70S-6	
122114	CARBOFIL1RBTC 300Kg	1.2MM	W122114	ER70S-6	
122123	CARBOFIL1ARBTC 500Kg	1MM	W122123	ER70S-6	
122124	CARBOFIL1ARBTC 500Kg	1.2MM	W122124	ER70S-6	
FLUXCORED WIRE FOR CARBON STEELS					
125101	FLUXOFIL-M101.20MM	1.2MM	W125101	E70C-6 M H4	Seamless copper coated metal cored wire with outstanding welding properties.
125133	FLUXOFIL14HD1.20MM	1.2MM	W125133	E71T-1 H4 / E71T-1M H4	Seamless copper coated rutile flux cored wire with a higher filling degree
125134	FLUXOFIL14HD1.60MM	1.6MM	W125134	E71T-1 H4 / E71T-1M H4	
125150	FLUXOFIL19HD1.2MM	1.2MM	W125150	E71T-1 H4	Seamless copper coated rutile flux cored wire with an enhanced degree of fill.
125152	FLUXOFIL19HD1.60MM	1.6MM	W125152	E71T-1 H4	
125211	FLUXOFIL20HD1.20MM	1.2MM	W125211	E81T1-Ni1M JH4	Seamless copper coated rutile flux cored wire and the enhanced degree of fill
125212	FLUXOFIL20HD1.60MM	1.6MM	W125212	E81T1-Ni1M JH4	
125351	FLUXOFIL-351.20MM	1.2MM	W125351	E80T5-G H 4 / E80T5-GM H 4	Seamless copper coated basic flux cored wire suitable for the welding of creep resistant boiler and pipe steels
125352	FLUXOFIL-351.60MM	1.6MM	W125352	E80T5-G H 4 / E80T5-GM H 4	for operating temperatures up to 530 °C, as well as fine grain structural steels
125412	FLUXOFIL411.60MM	1.6MM	W125412	E90T5-G H4 / E90T5-GM H4	Seamless copper coated basic flux cored wire for the welding of high-strength fine grain structural steels
MMA ELECTRODES FOR LOW ALLOY STEELS					
112022	TENACITO70B	2.5MM	W112022	E8018-C1	
112023	TENACITO70B	3.15MM	W112023	E8018-C2	2.5% Nickel electrode for low temperature applications
112024	TENACITO70B	4 MM	W112024	E8018-C3	2.5% Nickel electrode for low temperature applications
112025	TENACITO70B	5 MM	W112025	E8018-C4	
112062	CROMOCORD 5	2.5MM	W112062	E8015-B6	
112063	CROMOCORD 5	3.15MM	W112063	E8015-B6	5 Cr 1/2% Mo electrode for creep resisting steels up to 550 C. DC+
112064	CROMOCORD 5	4 MM	W112064	E8015-B6	5 Cr 1/2% Mo electrode for creep resisting steels up to 550 C. DC+
112065	CROMOCORD 5	5 MM	W112065	E8015-B6	
112074	OE-N 127	4 MM	W112074		Basic Cr/Ni/Mo electrode for cast steels up to 1000 Mpa. DC+
112075	OE-N 127	5 MM	W112075		Basic Cr/Ni/Mo electrode for cast steels up to 1000 Mpa. DC+
MMA ELECTRODES FOR STAINLESS AND HEAT RESISTING STEELS					
113002	Inox 4462	2.5MM	W113002	E2209-16	
113003	Inox 4462	3.15MM	W113003	E2209-16	Rutile type electrode for SAF 2205 and similar duplex AC/DC+
113004	Inox 4462	4 MM	W113004	E2209-16	
113022	Inox 307	2.5MM	W113022	E307-16	
113023	Inox 307	3.15MM	W113023	E307-16	High recovery electrode for dissimilar steels and joining 14% Mn steels. AC/DC+
113024	Inox 307	4 MM	W113024	E307-16	High recovery electrode for dissimilar steels and joining 14% Mn steels. AC/DC+
113025	Inox 307	5 MM	W113025	E307-16	
113032	SUPRANOX 308L	2.5MM	W113032	E308L-16	
113033	SUPRANOX 308L	3.15MM	W113033	E308L-16	Rutile type electrode for 304, 304L,308L, 321 &347 type steels .AC/DC+
113034	SUPRANOX 308L	4 MM	W113034	E308L-16	Rutile type electrode for 304, 304L,308L, 321 &347 type steels .AC/DC+
113035	SUPRANOX 308L	5 MM	W113035	E308L-16	
113042	SUPRANOX 309L	2.5MM	W113042	E309L-16	
113043	SUPRANOX 309L	3.15MM	W113043	E309L-16	Rutile type electrode for joining stainless to carbon steels and type 309&309 S AC/DC+
113044	SUPRANOX 309L	4 MM	W113044	E309L-16	Rutile type electrode for joining stainless to carbon steels and type 309&309 S AC/DC+
113045	SUPRANOX 309L	5 MM	W113045	E309L-16	
113052	INOX 310	2.5MM	W113052	E310-16	
113053	INOX 310	3.15MM	W113053	E310-16	Basic electrode for 25/20 CrNi type steels such as 309&310 AC/DC+
113054	INOX 310	4 MM	W113054	E310-16	Basic electrode for 25/20 CrNi type steels such as 309&310 AC/DC+
113055	INOX 310	5 MM	W113055	E310-16	
113061	SUPRANOX 316L	2.5MM	W113061	E316L-16	
113062	SUPRANOX 316L	3.15MM	W113062	E316L-16	Rutile type CrNiMo electrodes for 316 and 316 L stainless steels AC/DC+
113063	SUPRANOX 316L	4 MM	W113063	E316L-16	Rutile type CrNiMo electrodes for 316 and 316 L stainless steels AC/DC+
113064	SUPRANOX 316L	5 MM	W113064	E316L-16	
113065	SUPRANOX 316L	6MM	W113065	E316L-16	
113072	INOX 347	2.5MM	W113072	E347-16	
113073	INOX 347	3.15MM	W113073	E347-16	Rutile type electrode for stabilised stainless steels (321 and 347)AC/DC+
113074	INOX 347	4 MM	W113074	E347-16	
113082	INOX DW	2.5MM	W113082	E312-16	
113083	INOX DW	3.15MM	W113083	E312-16	
113084	INOX DW	4 MM	W113084	E312-16	Crack resistant electrode for" difficult to weld" steels AC/DC+
113085	INOX DW	5 MM	W113085	E312-16	Crack resistant electrode for" difficult to weld" steels AC/DC+
113092	BATOX Cu	2.5MM	W113092	E385-16	
113093	BATOX Cu	3.15MM	W113093	E385-16	A rutile type electrode for Cr Ni Mo(Cu) steels eg.904L& Sandvik 2RK65 AC/D+

113094	BATOX Cu	4 MM	W113094	E385-16	
113112	CITOCROME13/4	2.5MM	W113112	E410NiMo	
113113	CITOCROME13/4	3.15MM	W113113	E410NiMo	Electrode for martensitic Cr-Ni steels or cast steels such as CA6 NM
113114	CITOCROME13/4	4 MM	W113114	E410NiMo	
113212	CITOCROME13	2.5MM	W113212	E410-15	Electrode for 12-14% Cr steels such as 410
113213	CITOCROME13	3.15MM	W113213	E410-15	Electrode for 12-14% Cr steels such as 410
113412	SUPRANOX317L	2.5MM	W113412	E317L-16	
113413	SUPRANOX317L	3.15MM	W113413	E317L-16	Rutile type electrode with higher Mo for 317&317 L type steels .AC/DC+
113414	SUPRANOX317L	4 MM	W113414	E317L-16	
113912	SUPRANOX308H	2.5MM	W113912	E308H-16	
113913	SUPRANOX308H	3.15MM	W113913	E308H-16	Rutile type electrode for higher carbon steels such as 301.302.304&304H
113914	SUPRANOX308H	4 MM	W113914	E308H-16	
MMA ELECTRODES FOR CAST IRON					
114005	SUPERCAS	5MM	W114005	E Ni-Ci	Nickel electrode for cast iron when full machineability is required AC/DC+
114012	SUPERFONTE	2.5MM	W114012	Eni Fe- Cl	Nickel- Iron electrode for nodular cast iron, meehanite and welds between cast iron and steel AC/DC+
MMA ELECTRODES FOR NICKELS BASED ALLOYS					
114162	OESA-E5182	2.5MM	W114162	ENiCrFe-3	Nickel alloy electrode for welding nickel alloys such as Inconel 600
114163	OESA-E5182	3.25MM	W114163	ENiCrFe-3	Also used on Nimonic 75 to themselves and to steels. Can also be used on low allosteels to stainless steels for Operation above 300 C.
114164	OESA-E5182	4 MM	W114164	ENiCrFe-3	
114172	OESA-E5625	2.5MM	W114172	ENiCrMo-3	
114174	OESA-E5625	4MM	W114174	ENiCrMo-3	An inconel 625 type electrode for welding Inconel 625 and also used on nickel cryogenic steels
114182	OESAE5511	2.5MM	W114182	ENiCu-7	"Ni-Cu" type electrode used for joining nickel alloys , cladding of steels & joining nickel alloy to steels
114183	OESAE5511	3.25MM	W114183	ENiCu-7	Use on Monel 400&K500
114184	OESA-E5511	4 MM	W114184	ENiCu-7	
MMA ELECTRODES FOR HARDFACING					
115035	HARDFACING650	5MM	W115035	E6-UM-60(DIN8555)	57-62 Hrc AC/DC+
115062	OESA-E7717HMCC276	2.5MM	W115062	E NiCrMo-4	
115063	OESA-E7717HMCC276	3.25MM	W115063		Used for the manufacture and repair of hot working press tools parts subjected to thermal stress.
115064	OESA-E7717HMCC276	4MM	W115064		
TIG WIRE FOR STAINLESS STEELS					
123231	TIGFIL4410	1.6MM	W123231		
SUBMERGED ARC WIRE AND FLUX					
124311	S/AOE-S3NiMo1	2.4MM	W124311	EG	
124312	S/AOE-S3NiMo1	3.25MM	W124312	EG	High strength fined grains steels
124313	S/AOE-S3NiMo1	4MM	W124313	EG	
124402	S/AOE-SD21NICRMO	3.2MM	W124402		Nickel based alloys
124503	SUB ARC FLUX OP121TT		W124503		OP 121 TT is a fluoride -basic agglomerated flux Flux can be used on high strength fine grain steel and cryogenic steels
FLUX CORED WIRE FOR HARDFACING					
125512	FLUXOFIL-56	1.6MM	W125512	MSG 6-55	
125611	FLUXOFIL-58	1.2MM	W125611	MSG6-60	Seamless copper coated basic flux cored wire for the hardfacing of wear parts.
125612	FLUXOFIL-58	1.6MM	W125612	MSG6-60	