

# Afrox/Oerlikon Product Equivalents

Afrox products replacing AWC products

Edition I -2009

AWC Item number	AWC Material Description	Afrox Material Description	Afrox Item Number
<b>MMA ELECTRODES FOR CAST IRON</b>			
111-093	UNIVERS3.15MM(Ferroid2)	Afrox Ferroid 2	W075813
111-094	UNIVERS4.0MM(Ferroid2)	Afrox Ferroid 3	W075814
114-002	SUPERCAST1KG2.50MM	Ferroid 4	W072832
114-003	SUPERCAST1KG3.25MM	Ferroid 4	W072833
114-004	SUPERCAST1KG4.00MM	Ferroid 4	W072834
114-013	SUPERFONTE1KG3.25MM	Ferroid 3	W075823
114-105	SUPERCASTPLAIN5.00MM	Ferroid 4	W075835
114-203	SUPERCASTDILLON3.25MM	Ferroid 4	W075833
<b>MMA ELECTRODES FOR PIPE WELDING</b>			
111-754	CELLOCORD70GL4.00MM(Pipemaster70)	Pipemaster 70	W075164
111-755	CELLOCORD70GL5.00MM(Pipemaster70)	Pipemaster 70	W075165
111-764	CELLOCORD85L4.00MM(Pipemaster80)	Pipemaster 80	W078024
111-765	CELLOCORD85L5.00MM(Pipemaster80)	Pipemaster 80	W078025
111-082	ZELCORD2.50MM(PipemasterPro60)	Pipemaster Pro 2.5mm	W075172
111-083	ZELCORD3.15MM(PipemasterPro60)	Pipemaster Pro 3.15mm	W075173
111-084	ZELCORD4.0MM(PipemasterPro60)	Pipemaster Pro 4mm	W075174
111-085	ZELCORD4.0MM(PipemasterPro60)	Pipemaster Pro 4mm	W075175
<b>MMA ELECTRODES FOR STAINLESS AND SPECIAL</b>			
113-012	FERINOX2.50MM	Afrox 309Mo	W075792
113-013	FERINOX3.15MM	Afrox 309Mo	W075793
113-014	FERINOX4.00MM	Afrox 309Mo	W075794
113-312	OESA-E11062.50MM(Afrox312)	Afrox 312	W075692
113-313	OESA-E11063.2MM(Afrox312)	Afrox 312	W075693
113-314	OESA-E11064.0MM(Afrox312)	Afrox 312	W075694
113-315	OESA-E11065.0MM(Afrox312)	Afrox 312	W075695
114-142	OESA-E11142.50MM	Nimrod 200Ti	W077732
114-145	OESA-E11145.00MM	Nimrod 200Ti	W077735
<b>MMA ELECTRODES FOR NICKEL BASED ALLOYS</b>			
114-142	OESA-E11142.50MM	Nimrod 200Ti	W077732
114-145	OESA-E11145.00MM	Nimrod 200Ti	W0077735
<b>MMA ELECTRODES FOR HARD FACING</b>			
115-053	OESA-E77153.15MM	Afrox 650A	W075623
115-054	OESA-E77154.00MM	Afrox 650A	W075624
115-073	OESA-E77253.15MM(Cobalarc1)	Cobalarc 1	W075683
115-074	OESA-E77254.0MM(Cobalarc1)	Cobalarc 1	W075684
115-075	OESA-E77255.0MM(Cobalarc1)	Cobalarc 1	W075685
115-105	OESA-MC5.00MM(AfroxCrMn)	Afrox CrMn	W075629
115-303	TRANSARC3003.15MM	Afrox 300	W075603
115-304	TRANSARC3004.00MM	Afrox 300	W075604
<b>GOUGING ELECTRODES</b>			
116-003	CITOCUT3.15MM(AfroxGouge)	Afrox Gouge	W075903
116-004	CITOCUT4.0MM(AfroxGouge)	Afrox Gouge	W075904
116-005	CITOCUT5.0MM(AfroxGouge)	Afrox Gouge	W075905
<b>MMA electrodes for Aluminium Alloys</b>			
116-012	ALCORD12SI2.50MM(Alumoid)	Alumoid	W076112
116-013	ALCORD12SI3.2MM(Alumoid)	Alumoid	W076113
116-014	ALCORD12SI4.0MM(Alumoid)	Alumoid	W076114

MIG WIRE FOR ALUMINIUM AND NON FERROUS ALLOYS

121-001	ALUFIL-05MGAA5356.90MM	Filmax 5356	W077541
121-002	ALUFIL-05MGAA53561.20MM	Filmax 5356	W033175
121-003	ALUFIL-05MGAA53561.60MM	Filmax 5356	W033176
121-011	ALUFIL-05SIAA4043A1.00MM	Filmax 4043	W077517
121-012	ALUFIL-05SIAA4043A1.20MM	Filmax 4043	W033133
121-013	ALUFIL-05SIAA4043A1.60MM	Filmax 4043	W033184
121-023	ALUFIL12SIAA40471.60MM	Filmax 4047	W077526
121-032	ALUFIL-99AA1050A1.20MM	Filmax 1050	W033167
121-033	ALUFIL-99,AA1050A1.60MM	Filmax 1050	W077507
121-034	ALUFIL-99ER11002.00MM	Filmax 1050	Item to be loaded
121-051	ALBROFILA11,20MM	Filmax CuAl-8	W077595
121-052	ALBROFIL1,20MM	Filmax CuAl-8	W077595
121-053	ALBROFILALBZ81.60MM	Filmax CuAl-8	W077596
121-062	ALUFIL-4.5MGAA51831,20MM	Filmax 5183	W033156

TIG WIRE FOR ALUMINIUM AND NON FERROUS ALLOYS

121-093	ALUTIG-4.5MgER51833.20MM	TIG 5183	W077532
121-101	ALUTIG-05MGAA53561.60MM	TIG 5356	W030522
121-102	ALUTIG-05MGAA53562,40MM	TIG 5356	W030520
121-103	ALUTIG-05MGAA53563,20MM	TIG 5356	W030521
121-201	ALUTIG-05SIAA4043A1,60MM	TIG 4043	W030511
121-202	ALUTIG-05SIAA4043A2,40MM	TIG 4043	W077513
121-203	ALUTIG-05SIAA4043A3,20MM	TIG 4043	W030513
121-301	ALUTIG12SIAA40471.60MM	TIG 4047	W000850
121-302	ALUTIG-12SIAA40472,40MM	TIG 4047	W077519
121-303	ALUTIG-12S1AA40473.20MM	TIG 4047	W000851
121-401	ALUTIG99-5AA10501.60MM	TIG 1050	W030506

MIG WIRE FOR STAINLESS STEELS

123-003	INERTFIL307Si1.00MM	MIG 307Si	W033003
123-004	INERTFIL307Si1.20MM	MIG 307Si	W033242
123-011	INERTFIL308LSi.80MM	MIG 308LSi	W033013
123-012	INERTFIL308LSi.90MM	MIG 308LSi	W033014
123-013	INERTFIL308LSi1.00MM	MIG 308LSi	W033015
123-014	INERTFIL308LSi1.20MM	MIG 308LSi	W033222
123-015	INERTFIL308LSi1.60MM	MIG 308LSi	W033017
123-020	INERTFIL309LSi1.00MM	MIG 309LSi	W033037
123-023	INERTFIL309L1.00MM	MIG 309L	W033455
123-024	INERTFIL309L1.20MM	MIG 309L	W033127
123-026	INTERFIL309LMO1.20MM	MIG 309MoL	W033048
123-027	INERTFIL309LSi1.20MM	MIG 309LSi	W033038
123-034	INERTFIL3101.20MM	MIG 310	W033054
123-044	INERTFIL3121,20MM	MIG 312	W033060
123-051	INERTFIL316LSi.80MM	MIG 316LSi	W033069
123-052	INERTFIL316LSi.90MM	MIG 316LSi	W033070
123-053	INERTFIL316LSi1.00MM	MIG 316LSi	W033071
123-054	INERTFIL316LSi1.20MM	MIG 316LSi	W033072
123-055	INERTFIL316LSi1.60MM	MIG 316LSi	W033073
123-064	INERTFIL3471.20MM	MIG 347	W033100
123-073	INERTFIL410NiMo1.20MM	MIG 410NiMo	W077378
123-074	INERTFIL4101.20MM	MIG 410	W077375
123-075	INERTFIL4101.60MM	MIG 410	W077376
123-076	INERTFIL410NiMo1.60MM	MIG 410NiMo	W077379
123-080	INERTFILER4201.20MM	MIG 420	W077381
123-084	INERTFILER4301.20MM	Only Drums	
123-085	INERTFILER4301.60MM	MIG 430	W033433
123-087	INERTFIL44101.20MM	MIG 25.9.4	W033446
123-088	INERTFIL44621.20MM	MIG 2209	W033445
123-094	INERTFIL904LMIG1.20MM	MIG 904L	W033106
123-311	INERTFIL308LSiRBTC2001.00MM	308LSi Megapac or Minipac	W033018
123-321	INERTFIL309LRBTC2501.00MM	309L Megapac	W033456
123-411	OESA308LSiMIG0.80MM	MIG 308LSi	W033013

123-412	OESA308LSiMIG0.90MM	MIG 308LSi	W033014
123-413	OESA308LSiMIG1.00MM	MIG 308LSi	W033015
123-414	OESA308LSiMIG1.20MM	MIG 308LSi	W033222
123-415	OESA308LSiMIG1.60MM	MIG 308LSi	W033017
123-423	OESA309LSiMIG1.00MM	MIG 309LSi	W033037
123-424	OESA309LSiMIG1.20MM	MIG 309LSi	W033038
123-434	OESA310MIG1.20MM	MIG 310	W033054
123-452	OESA316LSiMIG0.90MM	MIG 316LSi	W033070
123-454	OESA316LSiMIG1.20MM	MIG 316LSi	W033072
123-474	OESA410MIG1.20MM	MIG 410	W077375
523-024	OKAUTROD309LSi1.20MM	MIG 309LSi	W033038

#### TIG WIRE FOR STAINLESS STEELS

123-101	TIGFIL-307Si1.60MM	TIG 307Si	W030405
123-111	TIGFIL-308L1,60MM	TIG 308L	W030560
123-112	TIGFIL-308L2.00MM	TIG 308L	W030562
123-113	TIGFIL-308L2,40MM	TIG 308L	W030561
123-121	TIGFIL-309L1.60MM	TIG 309L	W030570
123-122	TIGFIL-309L2.00MM	TIG 309L	W030572
123-123	TIGFIL309L2.40MM	TIG 309L	W030571
123-125	TIGFIL309LMO1.60MM	TIG 309LMO	W030429
123-127	TIGFIL309LMO2.40MM	TIG 309LMO	W030431
123-131	TIGFIL-3101,60MM	TIG 310	W030433
123-133	TIGFIL-3102,40MM	TIG 310	W030435
123-141	TIGFIL-ER3121.60MM	TIG 312	W030437
123-143	TIGFIL-ER3122.40MM	TIG 312	W030439
123-151	TIGFIL-316L1,60MM	TIG 316L	W030441
123-152	TIGFIL-ER316L2.00MM	TIG 316L	W030553
123-153	TIGFIL-316L2,40MM	TIG 316L	W030443
123-154	TIGFIL-316L3,20MM	TIG 316L	W030444
123-161	TIGFIL-3471,60MM	TIG 347	W030461
123-162	TIGFILER3472.00MM	TIG 347	W030462
123-163	TIGFILER3472.40MM	TIG 347	W030463
123-171	TIGFIL4101.60MM	TIG 410	W077389
123-173	TIGFIL4102.40MM	TIG 410	W077390
123-181	TIGFIL904L1.60MM	TIG 904L	W030465
123-182	TIGFIL904L2.00MM	TIG 904L	W030466
123-183	TIGFIL904L2.40MM	TIG 904L	W030467
123-201	TIGFIL44621.60MM	TIG 2209	W030489
123-203	TIGFIL44622.40MM	TIG 2209	W030491
123-231	TIGFIL44101.60MM	TIG Zeron 100X	W078100
123-251	TIGFILER316LSi1.60MM	TIG 316LSi	W030445
123-252	TIGFILER316LSi2.00MM	TIG 316LSi	W030446
123-253	TIGFILER316LSi2.40MM	TIG 316LSi	W030447
123-262	TIGFILER308LSi2.00MM	TIG 308LSi	W030414
123-271	TIGFILER317L1.60MM	TIG 317	W030453

#### SUB ARC WIRE AND FLUX FOR STAINLESS AND OTHER ALLOYS

124-213	S/AWIREOE-S2MO4.00MM	Sub Arc S2Mo	W078126
124-442	S/AWIREEB23.20MM	Sub Arc EB2	W078128
124-452	S/AWIREEB33.20MM	Sub Arc EB3	W078134
124-500	OP71CRFLUX	Sub Arc flux MK SS	W071406
124-601	SUBARCER308L2.40MM	SUBARC ER308L	W078142
124-602	SUBARCER308L25KG3.15MM	SUBARC ER308L	W078144
124-612	SUBARCER309LWIRE3.25MM	SUBARC ER309L	W078154
124-621	SUBARCER316LWIRE2.40MM	SUBARC ER316L	W078162
124-622	SUBARCER316LWIRE3.25MM	SUBARC ER316L	W078164
524-530	OKFLUX10.80	Sub Arc Flux HPF-N90	W071401

#### FLUX CORED WIRE

125-001	FLUXCOREDWIRE309L1.20MM	Coremax 309LP	W081142
125-002	FLUXINOX309-PF1.20MM	Coremax 309LP	W081142
125-010	FLUXINOX316L1.20MM	Coremax 316LP	W081143

125-011	FLUXINOX316L-PF1.20MM	Coremax 316LP	W081143
125-015	FLUXINOX308L1.20MM	Coremax 308LP	W081141
125-016	FLUXINOX308-PF1.20MM	Coremax 308LP	W081141
125-621	FLUXCOREB31.20MM	TM 911-B3	W081146

#### MIG WIRE FOR LOW ALLOYS AND CREEP RESISTANT STEELS

127-000	OESAER1001.00MM(MIG6048)	MIG 6048	W078192
127-001	OESAER1001.20MM(MIG6048)	MIG 6048	W033188
127-003	CARBOFILMO1.20MM(MIGG2Mo)	MIG G2Mo	W033186
127-006	CARBOFILMO1.00MM(MIGG2Mo)	MIG G2Mo	W033187
127-007	OESAER1001.60MM(MIG6048)	MIG 6048	W078192
527-001	OK13.13ER1001.20MM(MIG6048)	MIG 6048	W033188

#### BRAZING ALLOYS

127-011	FLUXCOATEDBRAZINGRODS3.20MMAfroxFluxobronze)	M15	W000376
127-202	GPBRAZINGROD2.00MM(AfroxM15)	M15	W000504
127-204	GPBRAZINGROD3.2MM(AfroxM15)	M15	W000500
127-211	GPBRAZINGFLUX250G(AfromM15BrazingFlux)	M15 Flux	W001553
141-252	OESA-A22043.00MM(CopperFloNo1)	Copperflo No1	W001245
141-253	OESA-A22042.00MM(CopperFloNo1)	Copperflo No1	W001244
141-263	OESAA2204/23.00MM	Eezibraise 2	W001232
141-502	OESA-AF11022.00MM	DB Bronze	W000522
141-503	OESA-AF11023.00MM	DB Bronze	W000521
141-605	OESA-A3301-151.50MM(Silfos15)	Silfos 15	W001321
141-606	OESA-A3301-153.0MM(Silfos15)	Silfos 15	W001322
141-615	OESA-A33051.50MM(Argoswift)	Argoswift	W001150
141-620	OESA-A33061.50MM(Argoflo)	Argoflo	W001226
141-625	OESA-A33121.50MM(EasifloNo1)	Easiflo 1	W001201
141-630	OESA-A33131.50MM(Eezibraise2)	Eezibraise 2	W001233
141-631	OESA-A33132.0MM(Eezibraise2)	Eezibraise 2	W001233
141-632	OESA-A33133.0MM(Eezibraise2)	Eezibraise 2	W002232
141-650	OESA-AF3303CF1.50MM(Fluxcoat20)	Fluxcoat 20	W001160
141-660	OESA-AF33051.50MM(Fluxcoat30)	Fluxcoat 30	W001193
141-662	OESA-AF33052.0MM(Fluxcoat30)	Fluxcoat 30	W001193
141-665	OESA-AF33061.50MM(Fluxcoat402)	Fluxcoat 402	W001197
141-666	OESA-AF33063.0MM(Fluxcoat402)	Fluxcoat 402	W001197
127-212	AFROXM15BRAZINGFLUX	M15 Flux	W001553
141-704	AFROXAL.BRAZINGFLUX001753	Aluminium Brazing flux	W001753

#### TIG WIRE FOR CREEP RESISTANT ALLOYS

127-301	TIGSTEELMo1.60mm(TIGG2Mo)	TIG G2Mo	W030533
127-302	TIGSTEELMo2.0mm(TIGG2Mo)	TIG G2Mo	W030534
127-303	TIGSTEELMo2.4mm(TIGG2Mo)	TIG G2Mo	W030535
127-401	TIGSTEELCrMo11.60mm(TIGB2)	TIG B2	W078274
127-402	TIGSTEELCrMo12.0mm(TIGB2)	TIG B2	W078276
127-403	TIGSTEELCrMo12.4mm(TIGB2)	TIG B2	W078278
127-422	TIGSTEELCrMo22.00MM(TIGB3)	TIG B3	W078306
127-423	TIGSTEELCrMo22.4MM(TIGB3)	TIG B3	W078307
127-553	TIGSTEELNi22.40MM(TIG80Ni1)	TIG B3	W078232
127-620	AMWELDCrMo51.20MM(TIGB6)	TIG B6	W078324

#### MMA ELECTRODES FOR COPPER ALLOYS

141-012	OESA-E22142.50MM	Metbronze PT8	W076132
141-013	OESA-E22143.25MM	Metbronze PT8	W076133
141-014	OESA-E22144.00MMPT8	Metbronze PT8	W076134

#### TIG AND MIG WIRE FOR NICKEL BASED ALLOS

141-206	OESA-A1116MIG1.20MMFN55	MIG FN55	W077696
141-220	OESA-A5501ERNI-1MIG1.20MM	Filmax Ni-1	W077673
141-221	OESA-A5501ERNI-11.60MM	TIG Ni-1	W077667
141-222	OESA-A5501ERNI-12.00MM	TIG Ni-1	W077669
141-323	OESA-A55012.4MM(TIGNi-1)	TIG Ni-1	W077669

141-331	OESA-A55111.6MM(TIGNiCu-7)	TIG NiCu-7	W077682
141-332	OESA-A55112.0MM(TIGNiCu-7)	TIG NiCu-7	W077683
141-333	OESA-A55112.4MM(TIGNiCu-7)	TIG NiCu-7	W077684
141-345	OESA-A51822.0MM(TIGNiCr-3)	TIG NiCr-3	W077627
141-346	OESA-A51822.4MM(TIGNiCr-3)	TIG NiCr-3	W077628
141-347	OESA-A51821.60MM(TIGNiCr-3)	TIG NiCr-3	W077626
141-351	OESA-A5625TIG1.60MM(TIGNiCrMo-3)	TIG NiCrMo-3	W077642
141-352	OESA-A5625TIG2.4MM(TIGNiCrMo-3)	TIG NiCrMo-3	W077639
141-354	OESA-A5625MIGNiCrMo-31.20MM(FilmaxNiCrMo-3)	Filmax NiCrMo-3	W077648

#### TIG AND MIG WIRE FOR COPPER ALLOYS

141-231	OESA-A22021.60MM(TIGSiliconBronze)	TIG Silicon Bronze	W077610
141-233	OESA-A22023.0MM(TIGSiliconBronze)	TIG Silicon Bronze	W077612
141-234	OESA-A22022.4MM(TIGSiliconBronze)	TIG Silicon Bronze	W077611
141-236	OESA-A2202MIG1.20MM(FilmaxCuSi-3)	Filmax CuSi-3	W077616
141-242	OESA-A2203TIG2.00MM(TIGTinBronze)	TIG Tin Bronze	W077601
141-265	OESA-A2206MIG1.60MM(AfroxCuprofil)	Cuprofil	W033131
141-266	OESA-A2206MIG1.20MM(AfroxCuprofil)	Cuprofil	W033130

#### MMA ELECTRODES FOR CREEP RESISTANT STEELS

511-NSI	EASBOK74.463.2MMVACPAC(E7018-A1)	KV2 Plus	W078533
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#### MMA electrodes for Stainless steels

513-032	OK61.30308L2.50MM	Afrox 308L	W075702
513-033	OK61.303.20MM(E308L-17)	Afrox 308L	W075703
513-062	OK63.302.5mm(E316L-17)	Afrox 316L	W075752
513-102	OK67.60VP2.50MM(E309L-17)	Afrox 309L	W075772

#### FLUX CORED WIRE FOR STAINLESS STEELS

525-031	SHIELDBRIGHT308LVP1.20MM	Coremax 308LP	W081141
525-041	SHIELDBRIGHT309LVP1.20MM	Coremax 309LP	W081142
525-051	SHIELDBRIGHT309MoLVP1.20MM	Supercore 309Mo	W081112
525-061	SHIELDBRIGHT316LVP1.20MM	Coremax 316LP	W081143

#### MIG WIRE FOR CARBON STEEL

122-001	CARBOFIL10.80MM	AFROX MIG 6000	W033900
122-002	CARBOFIL10.90MM	AFROX MIG 6000	W033901
122-003	CARBOFIL11.00MM	AFROX MIG 6000	W033902
122-004	CARBOFIL11.20MM	AFROX MIG 6000	W033903
122-005	CARBOFIL11.60MM	AFROX MIG 6000	W033905
122-403	AMWELDMIGER70S-6WIRE1.00MM	Afrox MIG 3000	W033932
122-404	AMWELDMIGER70S-6WIRE1.20MM	Afrox MIG 3000	W033933

#### CARBON STEEL SUB ARC WIRE

124-201	S/AWIREOE-S22.40MM	AFROX SUB 70-2	W080052
124-202	S/AWIREOE-S23.15MM	AFROX SUB 70-2	W080053
124-203	S/AWIREOE-S24.00MM	AFROX SUB 70-2	W080054
124-301	S/AWIRESD32.40MM	Sub s3-si	W078116
124-302	S/AWIRESD33.20MM	Sub s3-si	W078118
124-303	S/AWIRESD34.00MM	Sub s3-si	W078120

#### FLUX CORED WIRE(CARBON STEEL)

125-603	FLUXCORENR2112.00MM	AFROX TM121	W081015
125-900	FLUXCORENR2112.00MMLARGESP.	AFROX TM121	W081014

#### TIG AND GAS WELDING RODS

127-101	GASSTEELC.C.R..100G1.60MM	AFROX CCR	W000040
127-101	GASSTEELC.C.R.1,60MM	AFROX CCR	W000040
127-104	GASSTEELC.C.R.3,15MM	AFROX CCR	W000041
127-501	TIGSTEELER70S61.60MM	AFROX TIG 70S-6	W030501

127-501	TIGSTEELER70S61.60MM	AFROX TIG 70S-6	W030501
127-502	TIGSTEELER70S62.00MM	AFROX TIG 70S-6	W030502
127-503	TIGSTEELER70S62.40MM	AFROX TIG 70S-6	W030503
<b>MILD AND LOW HYDROGEN ELECTRODES</b>			
511-002	OK46.002.50MM	VITEMAX	W075002
511-003	OK46.003.20MM	VITEMAX	W075003
511-004	OK46.004.00MM	VITEMAX	W075004
511-043	OKFEMAX33.803.20MM	AFROLUX	W075203
511-044	OKFEMAX33.8070244.00MM	AFROLUX	W075204