

sij | elektrode



Slovenian steel for
the best things in the world



Elektrode Jesenice

Production and
sales program
range:

Products are certificate and tested according to the EN norms and we hold the most important international certificates such as TUV, DB, GL, BV, LR, ABS, DNV, RINA, RS and others.

- **MIG and MAG welding wire for shielded inert or reactive gases welding**
 - SG2 and SG3 wires coppered and bronzed coated on spools or in drums
 - MIG 75 and MIG Mo wires
 - MIG 90 and MIG CrMo wires
 - MIG high alloyed wires for high strength and creep resistant steels welding
 - MIG high alloyed stainless steel wires
- **coated electrodes for MMAW manual arch welding, cladding and hardfacing**
 - Low alloyed cellulosic, rutile and acid electrodes
 - High efficiency electrodes
 - Basic, low hydrogen electrodes
 - Medium and High alloyed basic and rutile electrodes for welding finegrained and creep resistant steels
 - High alloyed austenitic and ferritic stainless steel electrodes
 - High alloyed heat resistant stainless steel electrodes,
 - High alloyed special purpose, for hardfacing, cutting , gouging and abrasion resistant electrodes, Cast Iron electrodes
 - High Cobalt and Manganese alloyed hardfacing electrodes and rods-Durostels
 - Electrodes for welding Copper and Aluminium alloys
- **wire and welding rods for TIG welding**
 - TIG SG2 and SG3 wires
 - TIG Mo and TIG CrMo wires
 - TIG high-alloyed wires for high strength and creep resistant steels welding
 - TIG high alloyed stainless steel wires and rods
- **FCW flux-cored wires made with seamless technology for MIG - MAG welding**
 - Metallic, Rutile and Basic types
 - Flux-cored wires for Hardfacing
 - Flux-cored wires for SAW-submerged arc welding
- **agglomerated fluxes and wires for SAW submerged arc welding**
 - fluxes and wires for welding
 - fluxes and wires for cladding and hardfacing
 - fluxes and wires for heat resistant and for stainless steel welding
- **wire and welding rods for oxyacetylene welding**

PRODUCT	EN ISO		AWS	Remarks
	2560-A	2560-B	A-5.1 / A-5.5*	
Low alloyed cellulosic, rutile and acid electrodes				
NEUTRAL	E 35 AA 13	E 43 40 A	/	
RAPID	E 38 2 R A 13	E 43 20 A	E 6020	
CELEX	E 35 2 C 21	~E 43 10 A	E 6010	
CELEX Mn	E 42 3 C 21	~E 49 10 A	E 7010-G	
CELEX Mo	E 42 3 Mo C 21	~E 49 10 A	E 7010-A1*	
CELEX Ni	E 46 3 1NiC 21	~E 55 10-N1 A	E 8010-G *	
CELEX NiMo	E 50 3 1NiMo C 21	~E 57 10-N2M3 A	E 9010-G*	
JADRAN S	E 35 0 RC 11	E 43 13 A	E 6013	
RUTILEN 12	E 38 0 RC 11	E 43 12 A	E 6012	
RUTILEN Z	E 42 0 RC 11	E 49 13 A	E 6013	
RUTILEN 1000 S	E 42 0 RC 11	E 49 13 A	E 6013	
EMONA	E 38 2 RB 12	E 43 03 A	E 6013	
RUTILEN 13	E 42 0 RR 12	E 49 12 A	E 6013	
RUTILEN X	E 42 0 RR 12	E 49 13 A	E 6013	
RUTILEN 2000 S	E 42 0 RR 12	E 49 13 A	E 6013	
RUTILEN K	E 38 2 R 12	E 43 13 A	E 6013	
RUTILEN 13 M	E 38 0 R 12	E 43 12 A	E 6013	
RUTILEN S	E 38 0 RC 11	E 43 13 A	E 6013	
RUTILEN E	E 42 0 RC 11	~E 49 13 A	E 6013	
High efficiency electrodes				
SAVA 130	E 38 0 RR 33	E 43 24 A	E 7024	
SAVA 150	E 38 0 RR 53	E 43 24 A	E 7024	
SAVA 180	E 42 0 RR 74	E 49 24 A	E 7024	
SAVA 200	E 42 0 RR 74	E 49 24 A	E 7024	
SAVA GV 130	E 38 0 RR 34	E 43 24 A	E 7024	
SAVA GV 160	E 38 0 RR 54	E 43 24 A	E 7024	
SAVA 150 B	E 42 2 B 53	E 49 28 A	E 7028	
SAVA 150 AR	E 42 4 RA 53	E 49 27 A	E 7027	
Basic, low hydrogen electrodes				
EVB 50	E 42 4 B 32 H 5	E 49 18 A	E 7018-1H4R	
EVB 55	E 42 6 B 32 H5	E 49 18-P1 A	E 7018-1	
EVB EXTRA	E 42 6 B 12 H10	E 49 A6-P1 A	E 7016	
EVB 45	E 42 2 B 32 H5	E 49 18-P1 A	E 7016	
EVB 47	E 38 2 B 32 H5	E 43 18 A	E 6019	
EVB S	E 42 4 B 12 H10	E 49 16 A	E 7016	
GALEB 50	E 42 2 B 32 H5	E 49 16 A	E 7016	
EVB K	E 42 2 B 12 H5	~E 49 16-P1 H5	E 7016	
	2560-A / 18275-A*	2560-B / 18275-B*	A-5.5	
Medium alloyed basic electrodes for welding finegrained steels				
EVB 60	E 50 4 Mo B 42 H5	~E 57 18-3M2 A	E 8018-G	
EVB 65	E 55 6Mn1NiMo B42H5*	/	E 9018-G	
EVB Ni	E 50 61 Ni B 42 H5	~E 55 16-3N3 A	E 8018-C3	
EVB CuNi	E 46 4 ZB 42 H5	E 49 16-NC A	E 7018-G	
EVB CuNiCr	E 46 4 Z B 42 H5	E 49 16-NCC1 A	E 7018-G	
EVB NiMo	E 50 41 NiMo B 42 H5	~E 57 18-N2M3 A	E 8018-G	
GALEB 70	E 50 2Mn 1Ni B 42 H5	~E 57 16-N2M3 A	E 9016-G	
EVB 2.5 Ni	E 50 8 2Ni B 42 H5	~E 57 18-3N3 A	E 8018-C1	
EVB 2.5 NiMo	E 55 6 2NiMo B 42 H5 *	~E 62 18 N4M2A H5 *	E 9018-G	
EVB 62	E 62 4 MnMoB42H5*	~E62 18 4M2 H5	~E10018-G/D2	
EVB 75	E69 6Mn2NiCrMoB42H*	~E 78 16-N5CM3AH5*	E 10018-G	

PRODUCT	EN ISO		AWS	Remarks
	2560-A / 18275-A*	2560-B / 18275-B*	A-5.5	
EVB CrNiMo	E 62 2Z-B 42 H5 *	/	~E 11018 G	
EVB 80	~E 696Mn2NiCrMoB42H5*	~E 78 16 N5CM3 A H5*	E 11018-G	
EVB 100	E 794Mn2Ni1CrMoB42H5*	~E 83 16 -N5CM3 H5*	E 12018-G	
EVB 100 EKSTRA	E 89 4 ZB62 H5	~E 83 16 -N5CM3 H5*	E 12018-G	
EVB SP2	~ E 62 4 Z B 34	~E 69 18 GA	/	

PRODUCT	EN ISO		AWS	Remarks
	2560-A / 3580-A *	2560-B / 3580-B *	A-5.5 / A-5.4 *	
Medium and high alloyed basic electrodes for welding creep resistant steels				
EVB Mo	E464MoB42H5 EMoB42H5 *	~E4918-3M3A ~E4918-1M3 *	E 7018-A1	
EVB MoV	E MoV B 42 H5 *	~E 62 18-G H5 *	E 8018-G	
EVB CrMo	E CrMo1 B 42 H5 *	~E 55 18-1CM H5 *	E 8018-B2	
EVB 2 CrMo	E CrMo2 B 42 H5 *	~E 62 18-2C1MH5 *	E 9018-B3	
EVB P24	E Z B42 H5 *	~E 55 18-3C1MV *	/	
EVB 5 CrMo	E CrMo5 B 42 H5 *	E 55 15 5CM-H5 *	E 502-15 *	
EVB 9 CrMo	E CrMo9 B 42 H5 *	E 62 15-9C1M H5 *	E 505-15 *	
EVB CrMoV	~ E CrMoV1 B32 H5*	~E 55 16-GH5 *	/	
EVB 3 CrMoV	E Z B 42 H5 *	~E 62 16-3C1 MV H5*	/	
EVB 9 CrMoV	~ E CrMo91 B 42 H5*	~E 62 15-9C1MV1 H5*	~ E 9016-B9	
EVB 91 CrMoV	E CrMo91 B 42 H5 *	~E 62 15-9C1MV H5 *	~ E 9018-B9	
EVB Mo1Cr	E Z B42 H5 *	~E 55 18-1M3 H5 *	E 8016-B5	
Medium alloyed rutile electrodes for welding creep resistant steels				
E Ti Mo	E46AMoR12/EAMoR12*	~E 55 13-1M3 A (*)	E 8013-G	
E Ti MoV	E MoV R 12 *	E 55 13 G *	E 8013-G	
E Ti CrMo	E CrMo1 R 12 *	E 55 13 1CM *	E 8013-G	
E Ti 2 CrMo	E CrMo2 R 12 *	E 62 13 2C1M *	E 9013-G	
E Ti 5 CrMo	E CrMo5 R 12 *	E 62 13 5CM *	E 8016-B6	

PRODUCT	EN ISO		AWS	Remarks
	EN ISO 3581-A *	DIN 8556/ DIN 1736 *	A-5.4 / A-5.11*	
Medium and high alloyed basic electrodes for welding creep resistant steels				
EVB Mo	E464MoB42H5 EMoB42H5 *	~E4918-3M3A ~E4918-1M3 *	E 7018-A1	
EVB MoV	E MoV B 42 H5 *	~E 62 18-G H5 *	E 8018-G	
EVB CrMo	E CrMo1 B 42 H5 *	~E 55 18-1CM H5 *	E 8018-B2	
EVB 2 CrMo	E CrMo2 B 42 H5 *	~E 62 18-2C1MH5 *	E 9018-B3	
EVB P24	E Z B42 H5 *	~E 55 18-3C1MV *	/	
EVB 5 CrMo	E CrMo5 B 42 H5 *	E 55 15 5CM-H5 *	E 502-15 *	
EVB 9 CrMo	E CrMo9 B 42 H5 *	E 62 15-9C1M H5 *	E 505-15 *	
EVB CrMoV	~ E CrMoV1 B32 H5*	~E 55 16-GH5 *	/	
EVB 3 CrMoV	E Z B 42 H5 *	~E 62 16-3C1 MV H5*	/	
EVB 9 CrMoV	~ E CrMo91 B 42 H5*	~E 62 15-9C1MV1 H5*	~ E 9016-B9	
EVB 91 CrMoV	E CrMo91 B 42 H5 *	~E 62 15-9C1MV H5 *	~ E 9018-B9	
EVB Mo1Cr	E Z B42 H5 *	~E 55 18-1M3 H5 *	E 8016-B5	
Medium alloyed rutile electrodes for welding creep resistant steels				
E Ti Mo	E46AMoR12/EAMoR12*	~E 55 13-1M3 A (*)	E 8013-G	
E Ti MoV	E MoV R 12 *	E 55 13 G *	E 8013-G	
E Ti CrMo	E CrMo1 R 12 *	E 55 13 1CM *	E 8013-G	
E Ti 2 CrMo	E CrMo2 R 12 *	E 62 13 2C1M *	E 9013-G	
E Ti 5 CrMo	E CrMo5 R 12 *	E 62 13 5CM *	E 8016-B6	

PRODUCT	EN ISO		AWS	Remarks
	EN ISO 3581-A *	DIN 8556/ DIN 1736 *	A-5.4 / A-5.11*	
High alloyed ferritic stainless steel electrodes				
INOX B 13 Fe	E 13 B 43	E 13 MPB 30+ 130	E 410-15	
INOX B 13/1 Fe	E 13 B 43	E 13 1 MPB 30+ 130	~ E 410-15	
INOX B 13/4 Fe	E 13 4 B 43	E 13 4 MPB 30+ 130	E 410 NiMo-15	
INOX B 13/6 Fe	/	/	/	
INOX B 17 Fe	E 17 B 43	E 17 MPB 30+ 130	E 430-15	
INOX B 17 MoFe	E 17MoB43	E 17Mo	~ E 430Mo-15	
High alloyed austenitic and austenitic-ferritic stainless steel electrodes				
INOX R 19/9 Nb	E 19 9 Nb R 12	E 19 9 Nb R 26	E 347-17	
INOX B 19/9 Nb	E 19 9 Nb B 22	E 19 9 Nb B 20+	E 347-15	
INOX R 19/9 NC	E 19 9 LR 12	E 19 9 LR 26	E 308 L-17	
INOX R 19/12/3 Nb	E 19 12 3 Nb R 12	E 19 12 3 Nb R 26	E 318-17	
INOX B 19/12/3 Nb	E 19 12 3 Nb B 22	E 19 12 3 Nb B 20+	E 318-15	
INOX R 19/12/3 NC	E 19 12 3 LR 12	E 19 12 3 LR 26	E 316 L-17	
INOX R 19/13/4 L	~ E 19 13 4 LR 12	~ E 19 13 4 LR 23	E 317 L-17	
INOX R 22/9/3 LN	E 22 9 3 N LR 32	/	E 2209 L-17	
INOX R 20/10/3 L	~ E 20 10 3 R 12	~ E 20 10 3 R 23	E 308 MoL-17	
INOX R 20/25 L	E 20 25 5 Cu NL R 32	E 20 25 5 L Cu R	E 385-17	
INOX B 20/25 L	E 20 25 5 Cu NL B 23	E 20 25 5 L Cu B	E 385-15	
High alloyed heat resistant stainless steel electrodes				
INOX R 25/4 Fe	E 25 4 R 43	E 25 4 MPR 33 160	AISI: 446	
INOX R 25/14 NC	E 23 12 LR 32	E 23 12 LR 26	E 309 L-17	
INOX R 25/14/3 NC	E 23 12 2 LR 32	E 23 13 2 LR 26	E 309Mo L-17	
INOX R 25/20	E 25 20 R 32	E 25 20 R 26	E 310-16	
INOX B 25/20	E 25 20 B 42	E 25 20 B 20+	E 310-15	
High alloyed, special purpose electrodes				
INOX R 22/12/3 Fe	E 23 12 2R 53	/	E 309Mo-16	
INOX B 18/8/6	E 18 8 Mn B 22	E 18 8 Mn B 20+	~ E 307-15	
INOX R 18/8/6 Fe	E 18 8 Mn R 53	E 18 8 Mn MPR33 160	~ E 307-16	
INOX R 18/8/6	E 18 8 Mn R 12	E 18 8 Mn R 26	E 307-17	
INOX R 29/9	E 29 9 R 12	E 29 9 R 26	E 312-17	
INOX R 29/9 Fe	E 29 9 R 53	E 29 9 R 26	E 312-26	
INOX B 70/15	/	EL NiCr 15 Fe Mn *	E NiCrFe-3 *	

PRODUCT	EN	DIN	AWS	Remarks
	EN 14700	DIN 8555	A-5.13	
Hardfacing electrodes				
UTOP 38	E Fe 3	E 3-UM-40-T	/	
UTOP 43	E Fe 3	E 3-UM-400-PT	/	
UTOP 45	E Fe 3	E 3-UM-45-T	/	
UTOP 52	E Fe 3	E 3-UM-60-T	/	
UTOP 55	E Fe 4	E 6-UM-60-T	/	
TOOLDUR	E Fe 4	E 4-UM-60-65 S	E Fe 5-B	
E DUR 250	E Fe 3	E 1-UM-250	/	
E DUR 300	E Fe 1	E 1-UM-300	/	
E DUR 400	E Fe 3	E 1-UM-400	/	
E DUR 500	E Fe 3	E 1-UM-50	/	
E DUR 600	E Fe 8	E 6-UM-60	/	
E DUR 60 R	E Fe 8	E 6-UM-55	/	

PRODUCT	EN	DIN	AWS	Remarks
	EN 14700	DIN 8555	A-5.13	
E DUR 600 Si	E Fe 8	E 6-UM-55	/	
TOOLDUR Co	E Fe 3	~ E3-UM-50 CTZ		
E DUR Cr 13	E Fe 8	E 5-UM-CGP	/	
Electrodes, producing abrasion resistant deposit				
ABRADUR 54	E Fe 8	E 6-UM-55-G	/	
ABRADUR 58	E Fe 14	~ E 10-UM-60-G2	/	
ABRADUR 60	E Fe 14	E 10-UM-60-GR	/	
ABRADUR 64	E Fe 15	~ E 10-UM-65-GR	/	
ABRADUR 65	E Fe 16	~ E 10-UM-65-G	/	
ABRADUR 66	E Fe 16	E 10-UM-65-GR	/	
CrWC 600	E Fe 16	E 10-UM-60-C	/	
Manganese alloyed hardfacing electrodes				
E Mn 14	E Fe 9	E 7-UM-200-KP	/	
E Mn 14 Cr 4	E Fe 9	~ E 7-UM-200-KP	/	
E Mn 17 Cr 13	E Fe 9	/	/	
E Mn 17 Cr 10 Nb 3	E Fe 9	/	/	
High cobalt alloyed electrodes and rods – Durostels				
DUROSTEL 1 E •		E 20-UM-55-ZCT	R Co Cr-C	
DUROSTEL 1 P •		G/WSG-20-GO-55-ZCT	E Co Cr-C	
DUROSTEL 6 E •		E 20-UM-40-ZCT	R Co Cr-A	
DUROSTEL 6 P •		G/WSG-20-GO-45-ZCT	E Co Cr-A	
DUROSTEL 12 E •		E 20-UM-50-ZCT	R Co Cr-B	
DUROSTEL 12 P •		G/WSG-20-GO-50-ZCT	E Co Cr-B	
DUROSTEL 21 E •		E 20-UM-300-CKZT	/	
DUROSTEL 21 P •		G/WSG-20-GO-300-CKZT	/	
DUROSTEL F P •		G/WSG-20-GO-40-ZCT	/	

PRODUCT	EN	DIN	AWS	Remarks
	EN ISO 1071	DIN 8573	A-5.15	
Cast Iron electrodes				
MONEL	EC NiCu-1	E NiCu BG12	E NiCu-B	
MONEL C	EC NiCu-1	E NiCu G13	E NiCu-B	
SUPER Ni	EC Ni-Cl-1	E Ni BG12	E Ni-Cl	
CAST Ni	EC Ni-Cl-1	E Ni BG12	E Ni-Cl	
CAST Ni C	EC Ni-Cl-1	E Ni BG13	E Ni-Cl	
CAST NiFe	EC NiFe-Cl-1	E NiFe BG12	E NiFe-Cl	
CAST NiFe C	EC NiFe-Cl-1	E NiFe BG13	E NiFe-Cl	
CAST NiFe B	EC NiFe-Cl-1	E NiFe BG12	E NiFe-Cl	
CAST NiFe BC	EC NiFe-Cl-1	E NiFe BG13	E NiFe-Cl	
CAST NiFe 10		~E Ni BG12	~E Ni-Cl	
CAST Fe	EC St 1	~E Fe-1 S21	~E St	
SL 250	EC FeC-2-7	E (FeC-2) BG 49	/	

PRODUCT	EN	DIN	AWS	Remarks
	EN ISO 1071	DIN 1733 / DIN 8555*	A-5.6	
Electrodes for welding copper and aluminium alloys				
BRON CuSn •	E CuSn 2 B2	E CuSn-7	E CuSn-A	
BRON CuAl •	E CuAl 2 B2	E CuAl-8	E CuAl-A2	
BRON CuMn •	E CuAlMn 2 B2	E 31-200cn *	~ E CuMnNiAl	
EL Cu •		~ E CuMn2	~ E Cu	
		DIN 1732	A-5.3	
ALU 99.5		EL-Al 99.5	E-1100	
ALU Mn		EL-Al Mn	E-3003	
ALU 5 Si		EL-Al Si5	E-4043	
ALU 12 Si		EL-AlSi 12	/	
Electrodes for cutting, gouging and preheating				
SEKATOR 1	/	/	/	
SEKATOR 2 A	/	/	/	
SEKATOR 2 B	/	/	/	
TERMO		/	/	
	EN 760	DIN 32 522	A-5.17	
Agglomerated welding fluxes and wires for S.A. – welding				
AR 18.5	SA AR 188 AC		F7 A0-EM 12K	
AR D1	SA AR 197 AC		F7 A0-EM 12K	
AR 18.1	SA AR 188 AC		F7 A2-EM 12K	
AB 100	SA AB 176 AC H5		F6 A2-EM 12K	
FB TT	SA FB 155 AC H5		F6 A4-EM 12K	
FB 12.2	SA FB 165 AC H5		F6 A4-EM 12K	
FB CrNi	SA FB 263 DC		/	
CS Cr 6	SA CS 196 AC		/	
CS CrNi	SA CS 24994 AC		/	
AB Cr	SA AB 2B 5654 AC		/	
CS 350	SA CS 3 CO ₂ Cr3 AC		/	
FB 33	SA AF 25635 DC		/	
AB 123	SA AB 167 AC H5		F6 A4-EM12K	
MS 200	SA MS 188 AC		F7 A2-EM12K	

PRODUCT	EN ISO		AWS	Remarks
	636-A / 21952-A * 14343-A ** 18274 ***	636-B / 21952-B * 14343-B ***	A-5.9 / A-5.28* A-5.14 ** / A-5.18 ***	
Welding rods for TIG – welding				
TIG Mo	W 46 2 W2Mo W MoSi *	W 55 2 W2M3 W 1M3 *	ER 70 S-A1 *	
TIG CrMo •	W CrMo1Si *	W 1CM3 *	ER 80 S-G *	
TIG 2 CrMo •	W CrMo2Si *	W 2C1M3 *	ER 90S-G	
TIG VAC 60	W 42 5 W3Si1	W 49 5 W6	ER70 S-6 ***	
TIG VAC 65	W 46 4 W4Si1	W 55A 4 W6	ER70 S-6 ***	
TIG 19/9 NbSi	W 19 9 Nb Si **	SS 347 Si **	ER 347 Si	
TIG 19/9 NC Si	W 19 9 L Si **	SS 308 LSi **	ER 308 L Si	
TIG 19/12/3 NbSi	W 19 12 3 Nb Si **	~SS 318 **	ER 318 Si	
TIG 19/12/3 NC Si	W 19 12 3 L Si **	SS 316 LSi **	ER 316 L Si	
TIG 25/14 NC Si	W 23 12 L Si **	SS 309 LSi **	ER 309 L Si	
TIG 18/8/6 Si	W 18 8 Mn **	~SS 307 **	~ ER 307	
TIG 25/20	W 25 20 **	SS 310 **	ER 310	

PRODUCT	EN ISO		AWS	Remarks
	636-A / 21952-A * 14343-A ** 18274 ***	636-B / 21952-B * 14343-B ***	A-5.9 / A-5.28* A-5.14 ** / A-5.18 ***	
TIG 29/9	W 29 9 **	SS 312 **	ER 312	
TIG 70/15 •	S Ni 6076 (NiCr20Mn3Nb) ***	/	ER NiCr-3 **	
TIG 22/9/3 LN •	W 22 9 3 NL **	SS 2209 **	ER 2209	
TIG 625 •	S Ni 6625 (NiCr22Mo9Nb)***	/	ER NiCrMo-3 **	
EN ISO 24373		A-5.7		
TIG Cu •	S-Cu 1898 (CuSn1)		ER CuSn	
TIG CuAl8 •	S-Cu 6100 (CuAl7)		ER CuAl-A1	
TIG CuSn6 •	S-Cu 5180 (CuSn5P)		ER CuSn-A	
TIG CuAg •	S-Cu 1897 (CuAg1)		/	
TIG CuMn •	S-Cu 6338 (CuMn13Al8Fe3Ni2)		/	
TIG CuSi3 •	S-Cu 6560 (CuSi3Mn1)		ER CuSi-A	

PRODUCT	EN ISO		AWS	Remarks
	14341-A	14341-B	A-5.18/A-5.28*	
VAC 60	G 42 5 M/C G 3 Si1	G 49A 5 M/C G6	ER 70 S-6	
VAC 65 •	G 46 4 M/C G 4 Si1	G 55A 4 M/C G6	ER 70 S-6	
VAC 60 Ni	G 46 4 M/C G 3 Ni1	G 55A 4 M/C GN2	~ ER 80 S-Ni1*	
VAC 60 Ti	~G 42 2 M/A/C G3Si1	~G 49A 2 M/A/C G11	ER 70 S-2	
VAC 60 CuNi •	G 42 2 M/C G 0	G 49A 2 M/C G0	ER 80 S-G*	

PRODUCT	EN ISO		AWS	Remarks
	16834-A / 14343-A * 21952-A ** 18274 ***	16834-B / 14343-B * 21952-B **	A-5.9 / A-5.28 * A-5.14**	
Welding wires for GMA – welding				
MIG Mo	G MoSi **	G 1M3 **	ER 70 S-A1 *	
MIG CrMo •	G CrMo1Si **	/	ER 80 S-G *	
MIG 2 CrMo •	G CrMo2Si **	/	ER 90S-G *	
MIG 65	G 55 2 A Mn3Ni1Mo	G 62A 2 N2M2T	ER 80 S-Ni 1 *	
MIG 75	G 69 4 Mn3Ni1CrMo	G 69A 2 N2M2T	ER 100 S-1 *	
MIG 90 •	G 89 6 M Mn4Ni2CrMo	G 83A 6 M N4M4T	ER 120 S-1 *	
MIG 17 •	G 17*	SS 430 *	ER 430	
MIG 19/9 Nb Si	G 19 9 Nb Si *	SS 347 Si *	ER 347 Si	
MIG 19/9 NC Si	G 19 9 L Si *	SS 308 LSi *	ER 308 L Si	
MIG 19/12/3 Nb Si	G 19 12 3 Nb Si *	~SS 318 *	ER 318 Si	
MIG 19/12/3 NC Si	G 19 12 3 L Si *	SS 316 LSi *	ER 316 L Si	
MIG 25/14 NC Si	G 23 12 L Si *	SS 309 LSi *	ER 309 L Si	
MIG 18/8/6 Si	G 18 8 Mn *	~SS 307	ER 307	
MIG 25/20	G 25 20 *	SS 310	ER 310	
MIG 29/9	G 29 9 *	SS 312	ER 312	
MIG 70/15 •	S Ni 6076 (NiCr20) ***	/	ER NiCr-3 **	
MIG 22/9/3 LN •	W 22 9 3 NL **	/	ER 2209	
MIG 625 •	S Ni 6625 (NiCr22Mo9Nb)***	/	ER NiCrMo-3 **	

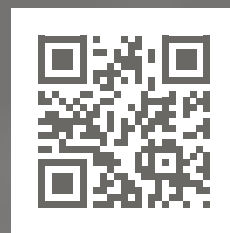
PRODUCT	EN ISO		AWS	Remarks
EN ISO 24373				
A-5.7				
MIG Cu •	S-Cu 1898 (CuSn1)		ER CuSn	
MIG CuAl8 •	S-Cu 6100 (CuAl7)		ER CuAl-A1	
MIG CuSn6 •	S-Cu 5180 (CuSn5P)		ER CuSn-A	
MIG CuAg •	S-Cu 1897 (CuAg1)		/	
MIG CuMn •	S-Cu 6338 (CuMn13Al8Fe3Ni2)		/	
MIG CuSi3 •	S-Cu 6560 (CuSi3Mn1)		ER CuSi-A	
EN 12 536				
DIN 8554				
A-5.2				
Welding rods for oxyacetylene- welding				
VP 37	O I	G I	R 45	
VP 40	O II	G II	R 60	
VP 42	O III	G III	R 60	
VP Mo	O IV	G IV	R 65	
VP CrMo •	O V	G V	R 65	
EN 14171* / EN 12072				
EN 10 088**				
DIN 8557* / DIN 8556				
A-5.17 / A-5.23* / A-5.9**				
Wires and strips for submerged arc welding				
EPP 2	S 2 *	S 2 *	EM 12 K	
EPP 2 Mo	S 2 Mo *	S 2 Mo *	EA 2 *	
EPP 3	S 3 *	S 3 *	EM 13 K	
EPP 17 Cr •	X 6 Cr 17**		ER 430 **	
EPP 19/9 NC •	S 19 9 L	UP X2 CrNi 19 9	ER 308 L **	
EPP 19/12/3 NC •	S 19 12 3 L	UP X2 CrNiMo 19 12	ER 316 L **	
EPP 18/8/6 •	S 18 8 Mn	UP X 15 CrNiMn 18 8	ER 307 **	
INOX TR Cr 17 •	/	UP X8 Cr 18	/	
INOX TR 19/9 •	/	UP X2 CrNi 19 9	/	

PRODUCT	EN ISO		AWS	Remarks
Flux – cored wires for MIG – MAG welding				
Metalic type	17632-A / 18276-A *	17632-B / 18276-B *	A-5.18/A-5.19* A-5.20/A-5.29*	
FILTUB 12 M	T 46 4 MM1 H5	T554T151MA H5	E 70C-6MH4	
E 71 T-1 M				
FILTUB 28 M	T 55 61NiMoMM1H5*	T62 6T15-1MN2M2H5 *	E 90 C-K3MH4*	
FILTUB 32 M	T 694Mn2NiCrMoMM1H5*	T764T5-1MA-N4C1M2H5 *	E 110C-K4H4* E 111T1-K4H4*	
FILTUB 38 M	T 894Mn2NiCrMoMM1H5*	T834T151MN4C1M5H5 *	E 120C-K4H4*	
Rutile type	17632-A / 17634-A *	17632-B / 17634-B *	A-5.29/A-5.20 *	
FILTUB 4 R	T 46 4 C/M1 H5	T 554T1-C/M/A H10	E 71 T-1 *	
FILTUB 5 R	T 504ZP C/M1 H5	T554T1-1C/M/A-NCC1 H5	E 71 T1-G	
FILTUB 6 R	T 42 AZ PC/M 1 H5	T 49YT1-1C/M/A-G H5	E 71 T1-G	
FILTUB 7 R	T 46 6 1Ni PM1 H5	T556T1-1MA-N1 H5	E 81 T1-Ni 1	
FILTUB 8 R	T 46AMoPM1 H5 T MoP C/ M1 H5 *	T55YT1-1MA-2M3 H5 T49T1-1C/M-2M3 H5*	E 81 T1-A1	
FILTUB 32 R	T 69 6 ZPM1H5*	T76 6T1-1MN4M1H5 *	E 111T1-K4MJH8*	
Basic type	17632-A / 17634-A * 18276-A **	17632-B / 17634-B * 18276-B **	A-5.29/A-5.20 *	
FILTUB 12 B	T 42 4B M/C3 H5	T49 4T5.3M/C/A-2M3H5	E 70 T-5 M4 *	
FILTUB 14 B	T 464MoBC/M3 H5 T MoBC/ M1 H5 *	T554T53M/CA-2M3H5 T49T5-0M/C-2M3 H5*	E 80 T5-G	
FILTUB 16 B	T CrMo1 BM/C3 H5 *	T55T5-0M/C-1CM-H5*	E 80 T5-B2	
FILTUB 18 B	T CrMo2 BM/C3 H5 *	T62T5-0M/C-2C1M-H5*	E 80 T5-G	

PRODUCT	EN ISO		AWS	Remarks
Flux – cored wires for MIG – MAG welding				
Metalic type	17632-A / 18276-A *	17632-B / 18276-B *	A-5.18/A-5.19* A-5.20/A-5.29*	
FILTUB 19 B	/	/	E 90 T5-G	
FILTUB 25 B	/	/	E 90 T5-G	
FILTUB 28 B	T5561NiMoBC/M3 H5**	T626T4-3C/M- N2M2H5**	E 90 T5-G	
FILTUB 32 B	T696Mn2NiCrMoBM/ C3H5**	T766T5-3M/C/A- N4C1M2H5**	E 110 T5-K4	
FILTUB 36 B	T 42 8 2Ni B M3 H5	T498T5-3MA-N5H5	E 90 T5-G	
FILTUB 38 B	T894Mn2Ni1CrMoBM3H5**	T834T5-3MA- N4C2M2H5**	E 120 T5-G	
FILTUB 40 B	~T4662BM/C3 H5	~T556T5-3M/C/A-G H5	E 80 T5-G	
FILTUB 42 B	/	/	E 110 T5-G	
For hardfacing	EN 14 700	DIN 8555		
FILTUB DUR 3	T Fe 1	MSG1-GF-M21-250/ MSG1-GF-C1-250		
FILTUB DUR 4	T Fe 1	MSG1-GF-M21-300/ MSG1-GF-C1-300		
FILTUB DUR 5	T Fe 1	MSG1-GF-M21-350/ MSG1-GF-C1-350-P		
FILTUB DUR 12	T Fe 2	MSG5-GF-M21-40-P/ MSG5-GF-C1-40-P		
FILTUB DUR 14	T Fe 2	MSG6-GF-M21-55-GP/ MSG6-GF-L1-55-GP		
FILTUB DUR 15	T Fe 3	MSG5-GF-M21-50-P/ MSG5-GF-C1-50-P		
FILTUB DUR 15.1	T Fe 3	MSG5-GF-M21-50-P/ MSG5-GF-C1-50-P		
FILTUB DUR 16	T Fe 2	MSG6-GF-M21-60-GP/ MSG6-GF-C1-60-GP		
FILTUB UTOP 38	T Fe 3	MSG5-GF-M21-40-P/ MSG5-GF-C1-40-P		
FILTUB UTOP 55	T Fe 3	MSG6-GF-M21-55-GP/ MSG6-GF-C1-55-GP		
FILTUB UTOP Co	T Fe 3	MSG 6-GF-M21-55-GP/ MSG6-GF-C1-55-GP		
FILTUB UTOP Mo1	T Fe 3	MSG 5-GF-M21-50-GP/ MSG5-GF-C1-50-GP		
Flux – cored wires for S.A.-welding	EN ISO 14717-A/ EN ISO 24 589-A*/ EN ISO 26 304-A**	EN ISO 24 589-B/ EN ISO 26 304-B*	A – 5.23	
FILTUB 112	S 46 4FB T3		F7 A4-EC-G	
FILTUB 114	S Mo FB*	S 554 FB TU1M3	F7 A4-EC-A4	
FILTUB 116			F8 P0-EC-B2	
FILTUB 118			F8 P0-EC-B3	
FILTUB 126			F7 A8-EC-G	
FILTUB 128			F9 A8-EC-G	
FILTUB 132	S 69 6 FB T3Ni2.5NiCrMo**	S 78A6 FBTUN5CM3*	F11 A8-EC-F5	
FILTUB 136			F7 A15-EC-Ni2	
FILTUB 138	S 89 4 FB T3Ni2.5Cr1Mo**		F12 A4-EC-G	
FILTUB 140			F7 A4-EC-G	
For hardfacing	EN 14700	DIN 8555		
FILTUB DUR 205	T Fe 1	UP1-GF-BFB-165-350		
FILTUB DUR 212	TZ Fe 7	UP5-GF-BFB4 652-40		
FILTUB DUR 214	TZ Fe 3	UP6-BFB4 652 - 50		
FILTUB DUR 215	T Fe 8	UP5-GF-BFB4 652-55		
FILTUB DUR 12Cr2NiMo	TZ Fe 7	UP5-GF-BFB 165-400		
FILTUB DUR 13Cr3NiMoV •	TZ Fe 7	UP5-GF-BFB 165-40		
FILTUB DUR 17 Cr •	TZ Fe 7	UP5-GF-BCS 256-40		

PRODUCT	EN ISO	AWS	Remarks
For welding stainless steel			
Metalic type	EN ISO 17633-A	EN ISO 17633-B	
FILCORD 308 L •	T 19 9 LR C/M 3	TS 308L-F B0	
FILCORD 308 LI •	T 19 9 LP C/M 2	TS 308L-F B1	
FILCORD 316 L •	T 19 12 3LR C/M 3	TS 316L-F B0	
FILCORD 316 LI •	T 19 12 3LP C/M 2	TS 316L-F B1	
FILCORD 309 L •	T 23 12 LR C/M 3	TS 309L- FB0	
FILCORD 309 LI •	T 23 12 LPC/M 2	TS 309L- FB1	
FILCORD 307 •	T 18 8Mn R C/M3		
FILCORD 307I •	T 18 8Mn P C/M2		





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