

PRODUCTS	Type	Φ (mm)	L (mm)	Weight/Packet (kg)	Packets per Carton Box	Weight/Box (kg)	Boxes/Pallet
SIDECEL <i>Cellulose coated electrode for vertical-down welding with deep penetration.</i>	A.W.S 5.1: E 6010 EN 499: E 35 2 C 25 EN ISO 2560-A: E 35 2 C 25	2.50	350	4.0	6	24	66
		3.25	350	4.0	6	24	66
		4.00	350	4.0	6	24	66
		5.00	350	4.0	6	24	66
SIDEROOT <i>Rutile-cellulosic coated electrode. Exceptional welding in the vertical-down position.</i>	A.W.S 5.1: E 6012 EN 499: E 38 0 RC 11 EN ISO 2560-A: E 38 0 RC 11	2.50	350	4.0	6	24	66
		3.25	350	4.0	6	24	66
		4.00	350	4.0	6	24	66
		5.00	350	4.0	6	24	66
FINO <i>The general purpose medium coated rutile electrode suitable for light gauge sheet welding, all position even on vertical-down in small diameters.</i>	A.W.S 5.1: E 6013 EN 499: E 42 0 RR 12 EN ISO 2560-A: E 42 0 RR 12	2.00	300	3.0	6	18	66
		2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	350	3.5	6	21	66
		5.00	350	3.5	6	21	66
SIDEBEL <i>Heavy coated rutile electrode ideal for general construction.</i>	A.W.S 5.1: E 6013 EN 499: E 42 0 RR 12 EN ISO 2560-A: E 42 0 RR 12	2.50	350	3.5	6	21	66
		3.25	450	3.5	6	21	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDEMAR <i>Rutile medium coated for high quality steel fabrications of higher tensile steel grades especially for shipbuilding repairs.</i>	A.W.S 5.1: E 6013 EN 499: E 42 2 R 12 EN ISO 2560-A: E 42 2 R 12	3.25	450	5.5	4	22	66
		4.00	450	5.5	4	22	66
SIDEFER <i>A very fast high efficiency rutile-iron powder having a weld recovery of approximately 160 %</i>	A.W.S 5.1: E 7024 EN 499: E 38 0 RR 53 EN ISO 2560-A: E 38 0 RR 53	3.25	450	4.5	6	27	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDEBASE <i>Basic type electrode, of high impact strength suitable for rigid and large joint fabrications, even of higher carbon steels higher carbon steels and buffer layers.</i>	A.W.S 5.1: E 7016 EN 499: E 38 6 B 42 H10 EN ISO 2560-A: E 38 6 B 42 H10	3.25	450	4.5	6	27	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56

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SUPER - B <i>Low hydrogen basic coated, electrode for producing crack-free welded joints with good toughness properties even on steels having a carbon content up to 0.4 %.</i>	A.W.S. 5.1: E 7018 EN 499: E 46 4 B 42 H10 120 EN ISO 2560-A: E 46 4 B 42 H10 120	2.50	350	3.0	6	18	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN <i>Very low hydrogen basic type double coated electrode (in all diameters) for welding high strength structural steels with a carbon content up to 0.6 %.</i>	A.W.S. 5.1: E 7018-1 EN 499: E 42 4 B 42 H5 EN ISO 2560-A: E 42 4 B 42 H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN 80 <i>Basic type double coated low hydrogen high tensile electrode for high tensile fine grained structural steels with Ni 0.60 % appr.</i>	A.W.S. 5.5: E 8018-G EN 499: E 50 6 Mn 1 Ni B 42 H5 DIN 8529: E SY 50 76 Mn 1Ni B H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN 90 <i>Basic type double coated low hydrogen high tensile electrode for high tensile fine grained structural steels with Ni 1.20 % appr.</i>	A.W.S. 5.5: E 9018-G DIN EN 757: E 55 6 Mn 1 Ni B T 42 H5 DIN 8529: E SY 50 76 Mn 1Ni B H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN 100 <i>Basic type coated low hydrogen high tensile electrode for high tensile fine grained structural steels.</i>	A.W.S. 5.5: 10018-G DIN EN 757: E 69 4 Mn 2 Ni Cr Mo B 42 H5 DIN 8529: E Y 69 75 Mn 2 Ni Cr Mo B H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN 110 <i>Basic type electrode for high -tensile fine grained structural steels high crack resistance , easy slag removal</i>	A.W.S. 5.5: E 11018-G DIN EN 757: E 69 6 Mn 2 Ni Cr Mo B 42 H5 DIN 8529: E Y 69 75 Mn 2 Ni Cr Mo B H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDETEN 120 <i>Basic type double coated electrode for fine grain structural steels with yield strength up to 900 N / mm2.</i>	A.W.S. 5.5: E 12018-G DIN EN 757: E 89 4 Mn 2 Ni 1 Cr Mo B 42 H5 DIN 8529: E Y 99 53 Mn 2 Ni 1 Cr Mo B H5	2.50	350	3.5	6	21	66
		3.25	350	3.5	6	21	66
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56

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SIDEMANGAN <i>Basic-covered austenitic manganese steel electrode for wear resistant hardfacing applications (200 HB).</i>	DIN 8555: E7-UM-250KP	3.25	450	4.5	6	27	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDERAIL <i>Basic electrode for machinable medium-hard surfacing (270 - 300 HB).</i>	DIN 8555: E 1-UM-300	3.25	450	4.5	6	27	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDEDUR 350 <i>Rutile electrode for machinable medium-hardfacing (325 - 375 HB).</i>	DIN 8555: E1-UM-350	3.25	350	5.5	4	22	66
		4.00	450	5.5	4	22	66
		5.00	450	5.5	4	22	66
SIDEDUR 400B <i>Basic electrode for wear resisting hardfacing applications (350 - 400 HB)</i>	DIN 8555: E1-UM-400	3.25	350	5.5	4	22	66
		4.00	450	5.5	4	22	66
		5.00	450	5.5	4	22	66
SIDEDUR 600R <i>Rutile electrode for hardfacing of component parts subject to severe wear conditions (57 - 62 HRC).</i>	DIN 8555: E3-UM-60-65T	3.25	450	5.5	4	22	66
		4.00	450	5.5	4	22	66
		5.00	450	5.5	4	22	66
SIDEDUR 600B <i>Basic electrode for hardfacing of component parts subject to severe wear conditions (57 - 62 HRC).</i>	DIN 8555: E6-UM-600	3.25	450	5.5	4	22	66
		4.00	450	5.5	4	22	66
		5.00	450	5.5	4	22	66
SIDEDUR 38 <i>Thick-basic covered high alloyed electrode suitable for highly wear resistant overlays subject to abrasion by mineral particles</i>	DIN 8555: E10-UM-60R	3.25	450	3.5	6	21	56
		4.00	450	3.5	6	21	56
		5.00	450	4.5	6	27	56
SIDEMOL <i>Double coated basic type electrode for boiler, storage vessel and pipeline construction; for service temperatures up to 550 °C.</i>	A.W.S 5.5: E 7018-A1-H8	2.50	350	3.5	6	21	66
	DIN 8575: E Mo B 20+	3.25	350	3.5	6	21	66
	DIN EN 1599: E Mo B 42 H10	4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
SIDECROM <i>Basic type electrode for creep resistant steels used for boiler, storage vessel and pipeline construction; for service temperatures up to 570 °C.</i>	A.W.S 5.5: E 8018-B2-H8	2.50	350	3.5	6	21	66
	DIN 8575: E Cr Mo 1 B 20+	3.25	350	3.5	6	21	66
	DIN EN 1599: E Cr Mo 1 B 42 H10	4.00	350	3.5	6	21	66
		5.00	450	4.5	6	27	56

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SIDENOX 307 <i>Electrode for joining dissimilar steels and manganese-alloyed steels.</i>	A.W.S. 5.4: E 307-15 DIN 8556: E 18 8 Mn B 20+ EN 1600:E 18 8 Mn B 22	2.50	300	3.0	6	18	64
		3.25	300	3.0	6	18	64
		4.00	350	3.0	6	18	64
		5.00	350	3.0	6	18	64
SIDENOX 308 <i>Rutile high alloyed extra low carbon electrode for non-stabilised and stabilised chromium-nickel steels resistant to the atmospheric corrosion.</i>	A.W.S.5.4: E 308L-16 DIN 8556: E 19 9 L R 23 EN 1600:E 19 9 L R 12	2.00	275	3.0	6	18	64
		2.50	300	3.0	6	18	64
		3.25	300	3.0	6	18	64
		4.00	340	3.0	6	18	64
SIDENOX 309 <i>Electrode for joining dissimilar steels (austenitic steels to ferritic steels) and for depositing austenitic claddings.</i>	A.W.S.5.4: E 309L-16 DIN 8556: E 23 12 L R 23 EN 1600:E 23 12 L R 12	2.50	300	3.0	6	18	64
		3.25	300	3.0	6	18	64
		4.00	340	3.0	6	18	64
SIDENOX 309 - Mo <i>Rutile coated electrode with high mechanical strenght values Austenitic weld deposit with a ferrite content of appr. 15-20%</i>	A.W.S. 5.4: E 309 Mo L-16 DIN 8556: E 23 13 2 R 23 EN 1600:E 23 12 2 R 12	2.00	275	3.0	6	18	64
		2.50	300	3.0	6	18	64
		3.25	350	3.0	6	18	64
		4.00	350	3.0	6	18	64
SIDENOX 310 <i>Electrode for welding of heat resistant chromium and chromium-nickel steels or cast steels.</i>	A.W.S. 5.4: E 310-16 DIN 8556: E 25 20 R 26 EN 1600:E 25 20 R 12	2.50	300	3.0	6	18	64
		3.25	350	3.0	6	18	64
		4.00	350	3.0	6	18	64
SIDENOX 312 <i>Electrode for joining dissimilar steels and for surfacing surfacing purposes.</i>	A.W.S. 5.4: E 312-16 DIN 8556: E 29 9 R 26 EN 1600:E 29 9 R 12	2.50	280	3.0	6	18	64
		3.25	350	3.0	6	18	64
		4.00	350	3.0	6	18	64
SIDENOX 316 <i>Electrode for welding of austenitic stainless Cr-Ni-Mo steels or cast steels having an extra low carbon content.</i>	A.W.S. 5.4: E 316 L-16 DIN 8556: E 19 12 3 L R 26 EN 1600:E 19 12 3 L R 12	2.00	275	3.0	6	18	64
		2.50	300	3.0	6	18	64
		3.25	350	3.0	6	18	64
		4.00	350	3.0	6	18	64
SIDEFONTE Ni <i>Nickel electrode for assembly and surfacing welds on grey cast iron. Electrode providing crack resistant bead.</i>	A.W.S. 5.15: E Ni C1 DIN 8573: E Ni BG 22	2.50	275	4.0	6	24	64
		3.25	350	4.0	6	24	64
		4.00	350	4.0	6	24	64

		Φ (mm)	L (mm)	Weight/Packet (kg)	Packets per Carton Box	Weight/Box (kg)	Boxes/Pallet
SIDEFONTE NiFe <i>Nickel-iron electrode for welding nodular graphite castings. Joining of grey cast iron and malleable cast iron with steel.</i>	A.W.S. 5.15: E Ni Fe C1 DIN 8573: E Ni Fe BG 22	2.50	275	4.0	6	24	64
		3.25	300	4.0	6	24	64
		4.00	350	4.0	6	24	64
SIDEFONTE NiCu <i>Nickel-copper type electrode for cast iron.</i>	A.W.S. 5.15: E Ni Cu B DIN 8573: E Ni Cu BG 22	2.50	275	4.0	6	24	64
		3.25	300	4.0	6	24	64
		4.00	350	5.0	6	30	64
SIDECUT <i>Special coated electrode for cutting all steel types and grey cast iron. Also for cutting non-ferrous metals.</i>	-	3.25	450	4.5	6	27	56
		4.00	450	4.5	6	27	56
		5.00	450	4.5	6	27	56
FINO-M <i>The general purpose medium coated rutile electrode suitable for light gauge sheet welding, all position even on vertical-down in small diameters.</i>	A.W.S. 5.1: E 6013 EN 499: E 35 A R 12 EN ISO 2560-A: E 35 A R 12	2.00	300	3.5	6	21	66
		2.50	350	4.0	6	24	66
		3.25	350	4.0	6	24	66
		4.00	350	4.0	6	24	66
		5.00	350	4.0	6	24	66

* Production after order

SIDEWELDED PRODUCTS							
SIDEFIL 1 PLASTIC SPOOL RANDOM WINDING <i>Copper-plated non alloyed cored wire for welding in CO2 atmosphere.</i>	CO2 WIRE	Φ (mm)		KG/Spool	Spools/Box	Boxes/Pallet	Pallet dimens. (cm)
	A.W.S SFA-5.18	0.80		15	1	72	95X95
	E 70S-6	1.00		15	1	72	95X95
	DIN 8559	1.20		15	1	72	95X95
	SG2	1.60		15	1	72	95X95
SIDEFIL PLW PLASTIC SPOOL PRECISION WINDING	A.W.S SFA-5.18	0.80		15	1	72	95X95
	E 70S-6	1.00		15	1	72	95X95
	DIN 8559	1.20		15	1	72	95X95
	SG2	1.60		15	1	72	95X95
SIDEFIL 1A PLW PLASTIC SPOOL	AWS SFA-5.18	1.00		15	1	72	95X95
	E 70 S 6	1.20		15	1	72	95X95
	G4 Si 1						
SIDEFIL 1 5 KG PLASTIC SPOOL RANDOM WINDING <i>Copper-plated non alloyed cored wire for welding in CO2 atmosphere.</i>	DIN 8559	0.80		5	1	216	95X95
	SG2	1.00		5	1	216	95X95
OXY-ACETYLENE ROD 1		Φ (mm)	L (cm)	Weight/Package (kg)		Packs/pallet	Pallet dimens. (cm)
		2.0	100	10 KG		160	85x115
		2.5	100	10 KG		160	85x115
		3.0	100	10 KG		160	85x115
		4.0	100	10 KG		160	85x115
BRASS ROD 60		2.0	100	10 KG		160	85x115
		2.5	100	10 KG		160	85x115
		3.0	100	10 KG		160	85x115
		4.0	100	10 KG		160	85x115

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