



NICKEL ALLOY WELDING

PRODUCT LINE CARD



INCONEL®
INCOLOY®
INCOFLUX®
NILO®
INCO-WELD®
MONEL®
NI-ROD®
NIMONIC®
DURANICKEL®
686CPT®
725NDUR®



Products	AWS	Werkstoff Nr.	ISO No.
Welding Electrodes			
Ni-Cu MONEL Welding Electrode 190	A5.11 ENiCu-7	2.4366	ENi4060
Cu-Ni MONEL Welding Electrode 187	A5.6 ECuNi	2.0838	ECu 7158
Ni-Cr-Fe INCO-WELD A Welding Electrode INCONEL Welding Electrode 152 INCONEL Welding Electrode 152M INCONEL Welding Electrode 152MSS INCONEL Welding Electrode 182	A5.11 ENiCrFe-2 A5.11 ENiCrFe-7 A5.11 ENiCrFe-7 A5.11 ENiCrFe-13 A5.11 ENiCrFe-3	2.4805 2.4807	ENi6092 ENi6152 ENi6152 ENiCrFe-13 ENi6182
Ni-Cr-Mo INCONEL Welding Electrode 112 INCONEL Welding Electrode 116 INCONEL Welding Electrode 122 INCO-WELD C-276 Welding Electrode INCO-WELD 686CPT Welding Electrode	A5.11 ENiCrMo-3 A5.11 ENiCrMo-6 A5.11 ENiCrMo-10 A5.11 ENiCrMo-4 A5.11 ENiCrMo-14	2.4621 2.4887	ENi6625 ENi1472 ENi6022 ENi6276 ENi6686
Ni-Cr-Co-Mo INCONEL Welding Electrode 117	A5.11 ENiCrCoMo-1	2.4628	ENi6617
Cast Iron Welding Electrodes			
Ni NI-ROD Welding Electrode NI-ROD 99X Welding Electrode	A5.15 ENi-CI		E C Ni-CI
Ni-Fe NI-ROD 55 Welding Electrode NI-ROD 55X Welding Electrode	A5.15 ENiFe-CI		E C NiFe-CI
Filler Metals			
Ni Nickel Filler Metal 61	A5.14 ERNi-1	2.4155	SNi2061
Ni-Cu MONEL Filler Metal 60	A5.14 ERNiCu-7	2.4377	SNi4060
Cu-Ni MONEL Filler Metal 67	A5.7 ERCuNi	2.0837	SCu 7158
Ni-Cr INCONEL Filler Metal 72 INCONEL Filler Metal 72M NC 80/20 Filler Metal INCONEL Filler Metal 82	A5.14 ERNiCr-4 A5.14 ERNiCr-7 A5.14 ERNiCr-3	 2.4639 2.4806	SNi6072 SNi6082
Ni-Cr-Co INCONEL Filler Metal 740H			
Ni-Cr-Mo INCONEL Filler Metal 622 INCONEL Filler Metal 625 INCO-WELD 686CPT Filler Metal INCO-WELD 725NDUR Filler Metal INCO-WELD C-276 Filler Metal INCO-CORED 625AP Flux-Cored Wire	A5.14 ERNiCrMo-10 A5.14 ERNiCrMo-3 A5.14 ERNiCrMo-14 A5.14 ERNiCrMo-15 A5.14 ERNiCrMo-4 A5.34 ENiCrMo3Ti-4	2.4831 2.4886	SNi6022 SNi6625 SNi6686 SNi7725 SNi6276



Products	AWS	Werkstoff Nr.	ISO No.
Filler Metals (continued)			
Ni-Cr-Fe INCONEL Filler Metal 52 INCONEL Filler Metal 52M INCONEL Filler Metal 52MSS INCONEL Filler Metal 53MD INCONEL Filler Metal 601 INCONEL Filler Metal 92	A5.14 ERNiCrFe-7 A5.14 ERNiCrFe-7A A5.14 ERNiCrFe-13 A5.14 ERNiCrFeAl-1 A5.14 ERNiCrFe-11 A5.14 ERNiCrFe-6	2.4626	SNI6052 SNI6601 SNI7092
Ni-Cr-Co-Mo INCONEL Filler Metal 617	A5.14 ERNiCrCoMo-1	2.4627	SNI6617
Ni-Fe NILO Filler Metal CF36 & 365			
Ni-Fe-Cr INCOLOY Filler Metal 65 INCONEL Filler Metal 718	A5.14 ERNiFeCr-1 A5.14 ERNiFeCr-2	2.4667	SNI8065 SNI7718
Cast Iron Filler Metals NI-ROD 44 Filler Metal NI-ROD 99 Filler Metal	A5.15 ERNiFeMn-CI A5.15 ERNi-CI		S C NiFeMn-CI S C Ni-CI

Flux Reference Chart

Product	Submerged Arc Wire	Electroslag Strip	Submerged Arc Strip
INCONEL 52M	INCOFLUX NT100	INCOFLUX ESS2	INCOFLUX SAS2
INCONEL 82	INCOFLUX NT100	INCOFLUX ESS1	INCOFLUX SAS1
INCONEL 625	INCOFLUX NT100	INCOFLUX ESS3	INCOFLUX SAS3
INCOWELD 686	INCOFLUX NT120	INCOFLUX ESS3	*
INCONEL 622	INCOFLUX NT120	INCOFLUX ESS3	*
INCO-WELD C-276	INCOFLUX 120 and 9	INCOFLUX ESS3	*
NICKEL 61	INCOFLUX NT100	*	*
MONEL 60	INCOFLUX NT110 & 5	*	*
MONEL 67	INCOFLUX NT110	*	*

* Contact sales for recommendation

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