

Base Metal		Bare Wire			Electrodes		
Alloy	UNS	AWS 5.14	UNS	Welding Alloy	AWS 5.11	UNS	Welding Alloy
Nickel 200/201	N02200/N02201	ERNi-1	N02061	61	ENi-1	W82141	141
Alloy 400	N04400	ERNiCu-7	N04060	60	ENiCu-7	W84190	190
Alloy 600	N06600	ERNiCr-3	N06082	82	ENiCrFe-3	W86182	182
Alloy 22	N06022	ERNiCrMo-10	N06022	622	ENiCrMo-10	W86022	122
Alloy 625	N06625	ERNiCrMo-3	N06625	625	ENiCrMo-3	W86112	112
Alloy C276	N10276	ERNiCrMo-4	N10276	C276	ENiCrMo-4	W80276	C276
Alloy B-2	N10665	ERNiMo-7	N10665	B2	ENiMo-7	W80665	B2
Alloy B-3®	N10675	ERNiMo-10	N10675	B3	ENiMo-10	W80675	B3
Alloy 800H/HT®	N08810/N08811	ERNiCr-3	N06082	82	ENiCrFe-3	W86182	182
Alloy 825	N08825	ERNiCrMo-3	N06625	625	ENiCrMo-3	W86112	112
		ERNiFeCr-1	N08065	825			

Welding		
P-NUMBER - Welding alloy family grouping designation assigned by ASME Code to reduce the number of welding procedures.		
P-NUMBER	ALLOYS COVERED	EXAMPLES
8	Austenitic SS	316, 304
10H	Duplex/Super Duplex	507, 2205, F255
41	High Nickel Content	200/201
42	Ni-Cu	400, 405
43	Ni-Cr	22, C-276, 625, 600, 59
44	Ni-Mo	B-2, B-3®
45	Ni-Cr-Si	20, 825, 800 H/HT®
51, 52, 53	High Titanium Content	Ti Gr 2, Ti Gr 5

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Alloy	UNS	AWS 5.14	UNS	Welding Alloy	AWS 5.11	UNS	Welding Alloy
Alloy 20	N08020	ER320LR	N08022	320LR	E320LR-16	W88022	320LR-16
Alloy F255	S32550	ER2553	S32550	2553	E2553-16	S32550	2553-16

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Alloy	UNS	AWS 5.14	UNS	Welding Alloy	AWS 5.11	UNS	Welding Alloy
Alloy 6B	R30016	ERCoCr-A	R30006	6	ECoCr-A	W73006	6