



MIG Inverter Selection Guide Solid Wire

Material Type	Inch/ Gauge	Diameter	Amps Range	Inverter Model											
				160C	200C	200PFC	200CS	250C	350C	270S	350S	350P	450S		
Steel	22	0.8mm	40A - 55A												
	20	0.9mm	40A - 60A												
	18	1.2mm	70A - 80A												
	16	1.6mm	90A - 110A												
	14	2.0mm	120A - 130A												
	1/8"	3.2mm	160A - 170A												
	1/4"	6.4mm	200A - 210A												
	5/16"	7.9mm	220A - 250A												
	3/8"	9.5mm	300A												
	1/2"	12.7mm	315A												
Stainless Steel	18	1.2mm	50A - 60A												
	16	1.6mm	70A - 80A												
	14	2.0mm	90A - 110A												
	12	2.6mm	120A - 130A												
	3/16"	4.8mm	160A - 170A												
	1/4"	6.4mm	180A - 190A												
	5/16"	7.5mm	200A - 210A												
	3/8"	9.5mm	250A - 275A												
	7/16"	11.1mm	275A - 300A												
	1/2"	12.7mm	300A - 325A												
Aluminium	1/8"	3.2mm	110A - 130A												
	3/16"	4.5mm	140A - 150A												
	1/4"	6.4mm	180A - 210A												
	5/16"	7.9mm	200A - 230A												
	3/8"	9.5mm	220A - 250A												
	7/16"	11.1mm	280A												
	1/2"	12.7mm	300A												
Flux Cored Wire															
Steel	3/32"	2.4mm	110A - 125A												
	1/8"	3.2mm	140A - 155A												
	3/16"	4.8mm	155A - 170A												
	1/4"	6.4mm	250A - 280A												
	3/8"	9.5mm	340A - 360A												
	1/2"	12.7mm	430A - 470A												