

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										