



## Recommended Welding Wire Size Chart

MATERIAL THICKNESS	RECOMMENDED WIRE SIZES						
	MIG SOLID WIRE				GASLESS FLUX-CORED WIRE		
	.024"	0.30"	.035"	.045"	.030"	.035"	.045"
24 Gauge (.025)	X						
22 Gauge (.031)	X	X			X		
20 Gauge (.037)	X	X			X	X	
18 Gauge (.050)	X	X	X		X	X	
16 Gauge (.063)		X	X		X	X	X
14 Gauge (.078)		X	X	X	X	X	X
1/8" (.125)		X	X	X		X	X
3/16" (.188)			X	X		X	X
1/4" (.25)			X	X			X
5/16" (.313)			X	X			X
3/8" (.375)			X	X			X

Multi-pass welding or a beveled joint design may be required on material thickness 3/16" and greater depending on your welding machine's amperage capability.

Welding Material Sales, Inc.  
PO Box 786  
Geneva, IL 60134  
888-733-1512  
[www.weldingmaterialsales.com](http://www.weldingmaterialsales.com)