



PROFESSIONAL PRODUCTS...  
SUPERIOR RESULTS™

## THE HARRIS PRODUCTS GROUP

# COPPER-BASED WELDING FILLER METAL SELECTION CHART

Base Metal	Copper	Phosphor Bronze	Red Brass	Yellow Brass	Nickel Silver	Aluminum Bronze	Silicon Bronze	Copper / Nickel
Carbon & Low Alloy Steels	ALB-A2 (1000)	PHB ALB-A2 (400)	ALB-A2 PHB (500-600)	ALB-A2 (500-600)	ALB-A2 (500-600)	ALB-A2 (300)	ALB-A2 SIB (150)	ALB-A2 (150)
Cast Iron	ALB-A2 (1000)	PHB (400)	ALB-A2 PHB (500-600)	ALB-A2 (500-600)	ALB-A2 (500-600)	ALB-A2 (300)	ALB-A2 SIB (300)	ALB-A2 (150)
Copper / Nickel	ALB-A2 (1000)	PHB SIB (150)	ALB-A2 (150)	ALB-A2 SIB (150)	ALB-A2 SIB (150)	ALB-A2 (150)	ALB-A2 (150)	* (150)
Silicon Bronze	PHB (1000)	PHB SIB (150)	ALB-A2 SIB (150)	ALB-A2 SIB (150)	ALB-A2 SIB (150)	ALB-A2 (150)	SIB (150)	
Aluminum Bronze	ALB-A2 (1000)	ALB-A2 PHB (300-400)	ALB-A2 (500-600)	ALB-A2 (500)	ALB-A2 (500)	ALB-A2 (500)		
Nickel / Silver	SIB PHB (1000)	PHB (500-600)	PHB (500-600)	ALB-A2 (500-600)	ALB-A2 (500-600)			
Yellow Brass	SIB PHB (1000)	PHB (500-600)	PHB (500-600)	ALB-A2 (500-600)				
Red Brass	PHB (1000)	PHB (500)	PHB (400)					
Phosphor Bronze	PHB (1000)	PHB (400)						
Copper	DOC (1000)							

\*Copper/Nickel filler wire is available upon request.