




Type	Product		Steel	Cast Iron	Stainless	Copper	Brass	Bronze	Nickel Alloys	Aluminium	Attributes / Comments	Common Uses	
	Description	Part No.	Fe	SS	Cu	CuZn	CuSn	Ni	Al				
Bronze Brazing 	Manganese-Bronze										General purpose. Can be used in place of Tobin Bronze for many applications. NOT suitable for copper pipes carrying hot water or salt water. Melting range 870-900°C.	Joining & repair of most ferrous and copper-based metals	
	2.4mm Bare Pk10	P2-FRMB24B/10											
	2.4mm Flux-Coated Pk10	P2-FRMB24F/10	✓	✓	✗	✓	✓	✓	✗	✗			
	3.2mm Bare Pk10	P2-FRMB32B/10											
	Nickel Bronze (Nickel Silver)											High-strength, good wear resistance. Melting range 920-940°C.	Nickel alloys. Build-up of ferrous components, eg.; repairing gear teeth.
	2.4mm Flux-Coated Pk10	P2-FRNS24F/10	✓	✓	✗	✓	✓	✓	✓	✗			
	3.2mm Flux-Coated Pk8	P2-FRNS32F/8											
Silver Brazing 	45% Silver										General purpose, high-strength. High fluidity & rapid capillary flow, Good corrosion resistance. Melting range 640-680°C.	Parts with close fit up. HVAC, refrigeration, marine, etc.	
	1.6mm Bare Pk2	P2-SB4516B/2											
	1.6mm Bare Pk5	P2-SB4516B/5											
	1.6mm Bare 0.5kg	WC-00209	✓	✗	✓	✓	✓	✓	✓	✗			
	1.6mm Flux-Coated Pk2	P2-SB4516F/2											
	1.6mm Flux-Coated Pk5	P2-SB4516F/5											
	1.6mm Flux-Coated 0.5kg	WC-00210											
	15% Silver ("Phos Copper")											Joins copper-to-copper without flux, and brass-to-brass (flux required). Excellent for gap-filling where close fit-up does not exist. Melting range 645-800°C.	Copper pipe, plumbing fittings, hot water tanks, etc. Joints subject to thermal expansion and service vibration
2.4mm Bare Pk5	WC-06078	✗	✗	✗	✓	✓	✗	✗	✗				
2% Silver ("Phos Copper")											Economic option. Joins copper to copper (with or without flux) & copper to low-zinc brass (flux required). Melting range. 645-820°C.	Copper pipe, plumbing fittings, hot water tanks	
2.4mm Bare Pk5	WC-06357	✗	✗	✗	✓	✓	✗	✗	✗	✗			
TIG & Oxy* Welding 	Steel S6										Good for poor fit-up and/or where impurities such as rust and scale are present.	General purpose TIG welding of steel (or Oxy/Acetylene fusion welding)	
	1.6mm 1.0kg	WC-03782	✓	✗	✗	✗	✗	✗	✗	✗			
	2.4mm 1.0kg	WC-03783											
	Stainless-Steel 316L											TIG welding common 300 series stainless steels	
	1.6mm 1.0kg	WC-02373	✗	✗	✓	✗	✗	✗	✗	✗			
	2.4mm 1.0kg	WC-02452											
	Aluminium 5356											TIG welding wide range of aluminium alloys	
	1.6mm 0.5kg	WC-01535											
2.4mm 0.5kg	WC-02308	✗	✗	✗	✗	✗	✗	✗	✓				
3.2mm 0.5kg	WC-02309												

