



Nexus C9

Silicon Bronze filler for MIG/TIG welding

Silicon Bronze filler wire for welding cast irons and materials of a similar composition. Also used for MIG Brazing of coated steels in the automobile industry.

International Standards

BS EN 14640:2005	AWS A5.7
Cu6560 (CuSi3Mn1)	ER CuSi

Typical Deposit Analysis (wt%)

Cu	Si	Mn	Al	Fe	Pb
Bal	3.00	1.1	0.03	0.01	0.01

Typical All-Weld Metal Mechanical Properties

Tensile Strength N/mm ²	Yield	Elongation %	Hardness HB
~350	~145	~30	~90

Welding Positions

All Positions

Materials

Gunmetal, Tin Bronze, Brass, Silicon Bronze, Galvanised Steels, Cast Irons, Mild and Low alloy steels to themselves and each other.

Packaging

Size mm	1.6 x 1000	2.4 x 1000	3.2 x 1000
5Kg Tube	✓	✓	✓

Size mm	0.8	1.0	1.2
15 Kg Plastic spools	✓	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 2.2
Material safety data sheet	MSDS
BOC Shielding Gas MIG	<2mm Alushield Light (3-6mm) Alushield Universal (5-12mm) Alushield Heavy (>10mm)