

SIFMIG C9 Copper MIG Wire

SIFMIG 968

A Copper wire containing 3% Silicon and 1% Manganese is used for the fusion welding of materials of similar composition, such as copper alloys (brass), and for MIG brazing steels. It is also suitable for surfacing steel and dissimilar metal applications. Silicon and Manganese provide good flow properties and wear resistance.

Frequently used to weld steel and cast-iron to copper, brass and bronze. SIFMIG C9 Copper MIG Wire is the choice material for the manufacture and repair of motor vehicles. Can be used on galvanised and bronze-coated steels. Pulsed MIG is recommended.

Suitable for use in various industries, including shipbuilding and offshore, automotive, heating and ventilation. It can also be used in sculpture making and repair, the manufacture of bronze statues and castings, and tubular products.

Positions



For use in all positions.

Current Shielding Gas

DC=+
Pure Argon
1% O₂ Argon
for MIG brazing

Available Formats

Dia.	0.7kg	4kg	12.5kg
0.8mm	W0960807	W0960840	W0960812
1.0mm	W0961007	W0961040	W0961012
1.2mm		W0961240	W0961212

Typical Weld Metal Composition

Cu Bal Si 3% Mn 1%

Typical Mechanical Properties

Melting Point	980 - 1020°C
Ultimate Tensile Strength	350N/mm ²
Hardness	90

Standards

EN ISO 24373 Cu 6560 (CuSi3Mn1)
AWS A5.7 ERCuSi-A