

Technical data

Silver brazing filler metal

Silver-flo™ 30 – Cadmium free silver brazing filler metal

Product description

Silver-flo™ 30 is a cadmium free silver brazing filler metal that has been adopted for a thermal spray coating process used in the aerospace industry. It is supplied as a wire on plastic reels suitable for feeding into a thermal spray gun.

The filler metal itself has a long and high melting range and poor flow characteristics hence it is not used as a brazing filler metal to any extent. Optimum joint gaps at brazing temperature are 0.075-0.2mm.

Composition: 30%Ag, 38%Cu, 32%Zn

Conforms to: EN1044 1999 AG204, ISO 17672:2010 Ag 230, MSRR 9507/113

Melting range: 695-770 °C

Uses for this product

This material is used in a thermal spray process in the aerospace industry.

Conditions for use

Companies should refer to the relevant specification and procedures of the aerospace contractor for conditions for use.

Product availability

Rod	1.5mm dia
Flux coated rod	On request
Wire	3mm
Strip	On request
Foil	On request
Braze-pastes	On request
Others	Rings, Preformed shapes

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Johnson Matthey PLC, Platinum Group Metal Services, Orchard Road, Royston, Herts, SG8 5HE, UK Rev.27/01/25.

