

## 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 |