

## Johnson Matthey Mattibraz 30 Cadmium Containing Silver Brazing Alloy

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy , Solder/Braze Alloy

### Material Notes:

An economic alternative with a wider melting range ideal for a gap filler. Safety Precautions with Cadmium Containing Alloys: Today the potential danger from cadmium fume is widely recognized. The localized extraction of fumes during brazing is now virtually obligatory. The use of cadmium containing alloys is not permitted in the manufacture of food and drink handling equipment and medical instruments. If cadmium containing alloys are felt likely to cause a health hazard then use a cadmium free alloy from the Johnson Matthey Matti-sil range. Full details on exposure levels (OES) are given in the specific Material Safety Data Sheets. These should always be consulted before use of a cadmium bearing brazing alloy. Optimum Joint Gap 0.075 - 0.2 mm. AWS A5.8-92 BAg-2a Equivalent to Engelhard Silvaloy 30 Equivalent to Handy & Harman Easy-flo 30 Information provided by Johnson Matthey.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Johnson-Matthey-Mattibraz-30-Cadmium-Containing-Silver-Brazing-Alloy.php](http://www.lookpolymers.com/polymer_Johnson-Matthey-Mattibraz-30-Cadmium-Containing-Silver-Brazing-Alloy.php)

Thermal Properties	Metric	English	Comments
Melting Point	605 - 745 Â°C	1120 - 1370 Â°F	
Solidus	605 Â°C	1120 Â°F	
Liquidus	745 Â°C	1370 Â°F	

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	20 %	20 %	
Copper, Cu	27 %	27 %	
Silver, Ag	30 %	30 %	
Zinc, Zn	23 %	23 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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