

## Johnson Matthey Matti-sil 18Si Cadmium Free Brazing Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy

### Material Notes:

Matti-sil 18Si was developed as an economic alternative to the high silver alloys, particularly for steel automotive components where the higher temperature bronze alloys cannot be tolerated. Optimum Joint Gap 0.075 - 0.2 mm. Information provided by Johnson Matthey.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Johnson-Matthey-Matti-sil-18Si-Cadmium-Free-Brazing-Alloy.php](http://www.lookpolymers.com/polymer_Johnson-Matthey-Matti-sil-18Si-Cadmium-Free-Brazing-Alloy.php)

Thermal Properties	Metric	English	Comments
Melting Point	784 - 816 Â°C	1440 - 1500 Â°F	
Solidus	784 Â°C	1440 Â°F	
Liquidus	816 Â°C	1500 Â°F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	45.75 %	45.75 %	
Silicon, Si	0.25 %	0.25 %	
Silver, Ag	18 %	18 %	
Zinc, Zn	36 %	36 %	

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