

## Johnson Matthey Matti-sil 453S Cadmium Free Brazing Alloy

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

### Material Notes:

The 45% Silver alloys, with tin and silicon, are more free flowing than Matti-sil 45 and less costly than Matti-sil 56Sn. Optimum Joint Gap 0.05 - 0.15 mm. Federal Specification QQ-B-564 BAg-8a Information provided by Johnson Matthey.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Johnson-Matthey-Matti-sil-453S-Cadmium-Free-Brazing-Alloy.php](http://www.lookpolymers.com/polymer_Johnson-Matthey-Matti-sil-453S-Cadmium-Free-Brazing-Alloy.php)

Thermal Properties	Metric	English	Comments
Melting Point	643 - 671 Â°C	1190 - 1240 Â°F	
Solidus	643 Â°C	1190 Â°F	
Liquidus	671 Â°C	1240 Â°F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	25 %	25 %	
Silicon, Si	0.20 %	0.20 %	
Silver, Ag	45 %	45 %	
Tin, Sn	3.0 %	3.0 %	
Zinc, Zn	26.8 %	26.8 %	

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