

## Lucas-Milhaupt Clean & Bright & Brite Tin/ Silver Solder

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin Alloy

**Material Notes:**

**Characteristics:**This alloy is considered to be high strength solders. It has much higher creep strengths than the tin/lead solders. It is a good color match for stainless steel, and used with the proper flux will wet stainless very well. Sn96 is the eutetic composition, is very fluid, and will not bridge large gaps.. Joint clearances of 0.1 to 0.15mm (.003 to .005 in) are optimum, but larger variations can still produce sound joints. Flux is required and proper selection will depend upon base metals to be joined.**Specifications:**This alloy conforms to the following specification: ASTM B32-Sn96 Information provided by Lucas-Milhaupt, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucas-Milhaupt-Clean-Bright-Brite-Tin-Silver-Solder.php](http://www.lookpolymers.com/polymer_Lucas-Milhaupt-Clean-Bright-Brite-Tin-Silver-Solder.php)

Physical Properties	Metric	English	Comments
Density	7.355 g/cc	0.2657 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
Melting Point	221 Â°C	430 Â°F	
Solidus	221 Â°C	430 Â°F	Melting Point
Liquidus	221 Â°C	430 Â°F	Flow Point

Component Elements Properties	Metric	English	Comments
Silver, Ag	3.5 %	3.5 %	
Tin, Sn	96.5 %	96.5 %	

Descriptive Properties	Value	Comments
Color	White	

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