

## Lord Adhesives Metech 3614 Gold Conductor

Category : Polymer , Adhesive

**Material Notes:**

Gold conductor composition 3614 is a thin print, mixed bond conductor. It has been formulated for both inner layer use in multilayer hybrids as well as for smooth, flat wire bond pads to optimize yields when employing high speed automatic wire-bonding. The composition fires to a dense, pin-hole free film at thickness of 7-10 microns. The vehicle system has been designed to provide resolution of 100 micron lines and spaces while still providing clean release from the wire mesh to assure smooth surfaces on larger pads. All information provided by Lord.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lord-Adhesives-Metech-3614-Gold-Conductor.php](http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3614-Gold-Conductor.php)

Physical Properties	Metric	English	Comments
Brookfield Viscosity	270000 - 300000 cP @Temperature 25.0 Â°C	270000 - 300000 cP @Temperature 77.0 Â°F	HBT, Spindle #SC4-14 @ 10rpm
Thickness	7.00 - 10.0 microns	0.276 - 0.394 mil	Fired

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.0025 ohm	<= 0.0025 ohm	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 25.0 Â°C	12.0 Month @Temperature 77.0 Â°F	

Descriptive Properties	Value	Comments
Coverage (cmÂ²/gm)	70-80	Calculated from 50 micron wet film; Fired at 850Â°C with a 10-minute dwell time
Line Resolution (microns)	100	
Wire Bond Strength (grams)	8-10	Thermosonic Gold, Initial

## Contact Songhan Plastic Technology Co.,Ltd.

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