



# TECHNICAL DATA SHEET



Registered to  
ISO 9001

## Noelle Industries, Inc.

Adhesives • Coatings • Conductives • Encapsulants

### NOELLE E903-54-3

#### A One Component Electrically Conductive Ink

##### **Description:**

Noelle E903-54-3 is a silver filled, electrically conductive, one component high performance screen printable, thermoplastic ink. Noelle E903-54-3 offers a slower drying time than Noelle E903-52 for improved production throughput.

##### **Advantages:**

Noelle E903-54-3 features high electrical conductivity and has a desirable viscosity for screen printing or dot dispensing.

##### **Physical Properties:**

Color: Silver  
Specific Gravity 1.59  
Coverage (Wet thickness) 167 cm<sup>2</sup> / gram / 0.001

##### **Shelf Life: (Sealed container)**

One Year @ 25°C

##### **Chemical Properties:**

Solvents used is Ethyl Acetate, Methyl Ethyl Ketone and PM Acetate

##### **Dry time:**

(Longer times or higher temperatures will further enhance end properties.)

Dry Temp: 90°C 120°C  
Dry Time: 20 min. 5 min.

##### **Properties:**

Sheet Resistivity, Ohm / Sq / Mil @ 25°C: <0.0015  
After 120 min @90°C <0.0010

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.

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