



SPI Supplies
206 Garfield Avenue,
West Chester, PA 19380, USA

PRODUCT SPECIFICATIONS

Dotite[®] Silver Paint D-550

Specifications and characteristics

Highlights of this outstanding silver paint product include the following:

Binder: Acryl proprietary acrylic

Overall comments: Fast air cure, high conductivity

Sample curing schedules: 25°C for 1 hour or 100°C for 30 minutes

Suggested surfaces for use: Heat curing plastic systems
Glass and ceramics
Metal

Not recommended: Thermoplastics
Rubber
Polyester
Polyimids

Thinner: [Use special thinner](#)

Flash point: 10°C

Viscosity: B-Viscometer: (12)

Specific gravity: 1.6-2.0

Conductivity of cured film: 10⁻⁴ ohms per cm

Surface resistivity: 0.5 ohms/area

Pencil hardness: 6B

Product purchase sizes: 20 g., 500 g

Policy on product expiration date

While few will notice, an "expiration date" is buried in some Japanese text on the product label that few outside of Japan will understand. We want to point out that the manufacturer ships fresh product from their stock with perhaps no more than two or three months remaining before the indicated product expiration date.

SPI Supplies keeps only a minimum of stock on the Dotite paint due to the short expiration dates on the product. We have 40 years of experience with this product, both in our own SEM laboratory and our customers' laboratories worldwide. The use of the expired product has never presented a problem when used in a SEM sample preparation application. There is no evidence that expired product doesn't work just as well as "fresh" product.

If you are a customer with concerns about expiration dates, *do not purchase this product from SPI Supplies!* We will not accept this product for return because of a short term expiration date!

If you are concerned about the expiration date, we would recommend selecting either SPI Silver Paint, SPI Flash Dry™ Silver Paint, SPI Silver Streaker™, or SPI Silver Paste Plus™.

- [SPI Silver Paint](#)
- [SPI Flash Dry™ Silver Paint](#)
- [SPI Silver Streaker™](#)
- [SPI Silver Paste Plus™](#)

When you use SPI Supplies silver paint products, if there is enough liquid carrier evaporation to affect the final properties, thinner can always be added to return the product to its original state.

Revised by: EER

Date: 9/14/2015