

SHIELDING PAINTS

SILVER PRINT CONDUCTIVE INK

High Conductivity in Small Quantities



This conductive coating consists of finely divided silver powder in a methyl methacrylate binder. It can be applied by brush, screen, dip or spray. Suitable for application to most materials: paper, films, plastic, rubber,

wood, metal or ceramic and it air dries at room temperature in 16-20 hours or it can be forced dried at 140°F for 1 hour. The coating must be fully dried to achieve maximum conductivity.

Uses include PC repair, add-on circuit traces, electrical contacts where solder is not practical, shielding seams and small gaps. Electrical resistance of a 1 mil dry coating will be approximately 0.2 Ohm/sq. or less.

It is extremely important to keep the material thoroughly mixed during application as the silver particles do settle out of suspension rather quickly. Butyl acetate can be used as a thinner. Coverage at 2.0 mil is approximately 18 in²/gram. Supplied in 20 gram or 900 ml size. RoHS Compliant.

20 gram (Cat. #D284) \$34.95
900ml (Cat. #D284-900) \$599.95

CONDUCTIVE MARKER

Draws With Highly Conductive Silver Ink



Need a conductive liquid but don't need a whole lot? Use this unique Marker to draw real silver conductive lines with precision and control to repair circuits, jump across connections, apply shielding to a small area, or even repair your auto windshield defroster! Valved Marker tip for easy application. Can be soldered at low temperatures. Dries quickly with no special equipment. 8.5 grams goes a long way. Perfect for designing prototype circuits too!



Contains volatile solvents. RoHS Compliant.

(Cat. #D280) \$19.95

CONDUCTIVE EPOXY

Conveniently Packaged Epoxy For Conductive Bonding



Excellent electrical conductivity & high strength conductive bonding combined with convenience. Repairs defective traces and creates jumpers to board. Allows you to make quick solderless electronic connections. Connect ground cord to conductive fabrics and garments. Two Part Epoxy, easy 1:1 mixing ratio. Bonds heat sensitive components without soldering. Makes surface mount connections, no drilling required! 14gr. RoHS Compliant. Works -22 to 194°F. Working time: 10 mins, Cure: 5 hrs at room temp. **(Cat. #D281) \$28.95**

CONDUCTIVE GREASE

Maintain Conductivity Between Moving Parts

Conductive lubricant containing pure silver provides superior electrical and thermal conductivity, lubrication and protection. Handy syringe dispenser permits precise control & no mess. Effectively lubricates metal, rubber & plastic. Protects against moisture and corrosion. Thermally stable over a wide temperature range. Reduces wear too. 0.23 oz. RoHS Compliant.

(Cat. #D282) \$21.95



MAGIC WALL®

Makes Magnets Stick to Any Surface

A very unique item! Non-toxic, non-flammable, & non-hazardous, you can paint this onto practically any surface that will take a latex paint and then magnets will stick to it. Is your refrigerator door running out of space for notes and pictures? Workshop needs more organizing space? Simply paint the wall, ceiling, blackboard, bulletin board, kitchen cabinets (you can topcoat with your favorite latex color), then post whatever you like with magnets. Owes its unique properties to the inclusion of low corrosion iron filings in a water based latex. Brush or roll on. Cleans up easily with water. **Bonus:** this paint actually provides a slight amount of ELF *magnetic* shielding! Color is gray, ship weight is ~8 lb. Covers ~50 ft² per qt. **(Cat. #D289) \$29.95/Qt**



Toll free in USA: 1-888-537-7363
International: +1-518-432-1550

Fax: 1-309-422-4355
www.lessemf.com