



# MATERIALS SAMPLE PREPARATION & CHARACTERISATION

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# Conductive Paints

## CONDUCTIVE CARBON PAINT

The micrographite particles are uniformly dispersed in isopropanol and air-dry rapidly at room temperature. Although there are some low level impurities, these are generally not seen by most energy dispersive ray spectroscopy (EDS) systems. The Carbon Paint is very easy to use with our exclusive brush-in-cap applicator. The Carbon Paint is formulated with a small amount of a special polymer to give extra adhesive characteristics to the paint. If the Carbon Paint should dry out, it can be resuspended with our Carbon Paint Thinner. The Carbon Paint products has an essentially infinite shelf life and we will guarantee the product's integrity in the unopened state as long as needed for the our customer's use date.

Sheet resistance: 1.2 k $\Omega$ /sq (25  $\mu$ m film thickness).



PRODUCT	PACKAGING	P/N
Conductive Carbon Paint	3/4 fl.oz. (21 ml)	05006-AB
	60 ml	05006-GA
	500 ml	05006-RA
	1 Gallon (3785 ml)	05006-XK
Carbon Paint Thinner	30 ml	05007-DA
	60 ml	05007-AB

## CONDUCTIVE SILVER PAINT

The Silver Paint is formulated with a small amount of a special polymer to give the product extra adhesive characteristics, but without degrading the otherwise outstanding out-gassing characteristics.

Sheet resistance: 12 mΩ/sq (25 μm film thickness).

PRODUCT	PACKAGING	P/N
Conductive Silver Paint	0.5 Troy oz. (15.5 g)	05001-AB
	1 Troy oz. (31.1 g)	05002-AB
	60 ml (90.0 g)	05002-GA
Silver Paint Thinner	30 cc	05004-DA
	60 cc	05004-AB
	500 cc	05004-RA

## CONDUCTIVE PLATINUM PAINT

The Platinum Paint has been formulated for those applications requiring high temperature performance as well as chemical inertness. When applied on a surface, the thin layer, after firing, takes on the bulk properties of Platinum.

Sheet resistance: 5-10 Ω/sq (25 μm film thickness).

PRODUCT	PACKAGING	P/N
Conductive Platinum Paint	10 g	04990-AB
Platinum Paint Thinner	30 ml	04989-AB



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