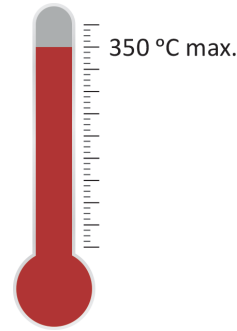


HIGH TEMPERATURE CONDUCTIVE COATING 3840

Elemental static silicone/acrylic coating which offers great electrostatic resistance in addition to its anti-corrosion properties. Continuous heat resistance is provided up to 350 °C.



An elemental static silicone/acrylic coating that offers great electrostatic resistance in addition to its anti-corrosion properties. Continuous heat resistance is provided up to 350 °C. Typical applications would include oven interiors, flow solder machines, etc. The 3840 high-temperature conductive coating is standard packed in a 1 L can but on request available in cans of 5 L and cans of 20 L.

MIXTURE

Phenylmethyl polysiloxane resin, acrylic resin, conductive mineral additive, titanium dioxide.

APPLICATION

Surface preparation	All contaminants including mould release, grease, and dirt must be removed. A suitable primer may be necessary on certain substrates.
Mixing	Some settling may occur in the can, so care must be taken to mix in all solids. Should any dilution be necessary, thinners should be used.
Application	The 3840 can be used by a conventional spray gun (40 – 50 psi pressure), or by brush coating.
Stoving	Allow parts to air dry for a minimum of 24 hours then oven cured at a temperature of 100 °C for approx. 10 minutes.

TECHNICAL SPECIFICATIONS

Properties	
Surface resistivity	108Ω/sq. (ASTM D257)
Color	Light grey
Specific gravity	1.3g/cc
Coverage	Approx. 4 – 6 sq mtr/ltr.
Drying time (air)	1 hour – touch dry
Stoving at 220 °C	10 – 15 minutes
Shelf life	6 months

PRECAUTIONS

This product is highly flammable. Keep away from heat, sparks, and open flames. Keep all containers closed when not in use. Use under well-ventilated conditions. Personal respiratory protection should be worn under spraying conditions. Such devices must be used in accordance with the manufacturer's instructions. Avoid contact with skin. Wear protective gloves and clothing. Wash thoroughly with soap and water after use. If accidentally swallowed, seek medical advice.

ORDER EXAMPLE

Part number	Content (L)
3840	1 : 1 liter
	5 : 5 liter
	20 : 20 liter