

INFERNOWARE™ DISSIPATE



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THERMAL DISSIPATION COATING

InfernoWare™ Dissipate is a heat dissipating coating that provides a tough heat-sinking and dissipating layer for many applications. It is a patent-pending graphene nanoplatelets-based spray coating that features single-part application, air cure, and no special application equipment. Once cured, the coating can dissipate up to 1600°C (2900°F) away from the substrate material.

FEATURES

- Patent-pending graphene-based thermal dissipation coating for substrates.
- Dissipates heat up to 1600°C (2900°F) from a point heat source.
- Single-part spray application; no catalyst or special application equipment.
- Room temperature air cure formula.
- Very high chemical resistance.
- Compatible with steel, aluminum, glass, plastics, and many other substrate materials.

SPECIFICATIONS AND PERFORMANCE

Color	Black
Dry Film Thickness	10 - 20 µm (0.4 - 0.8 mil)
Solid Content	40% by weight
Coverage	49 m ² (530 ft ²)
Specific Gravity (cured)	1.27 ±0.05 g/ml
Hardness	2.5 ±0.5 Mohs
Adhesion (bend test)	>40°
Adhesion (cross hatch ASTM B3359)	5B
Max Ambient Temp	660°C (1220°F)
Total Emissivity	0.96