Red Ice 615 is specifically designed to eliminate compound “dry-out” problems due to the continuous exposure temperatures exceeding 200°C (392°F). This non-silicone thermal compound specially formulated for applications with continuous temperatures exceeding 200°C (392°F) and intermittent temperatures up to 250°C (482°F). It shown outstanding stability and efficient heat transfer for the full operational life of your hardware.

Red Ice 615 is a low cost solution for high temperature heat transfer applications. Offer high temperature stability up to 250°C (482°F). This thixotropic compound provides high di-electric property, excellent wetting, dispensability and long term stability.

### KEY FUTURES AND BENEFITS
- Rated Up to 250°C (482°F)
- Thermal Conductivity (0.9 W/m-K)
- Low Cost Solution
- Low viscosity
- Re-workable, Dispensable

### APPLICATIONS
- Heater cartridges, heating coil/plate, tank heater.
- Thermal sensors, TEC modules, Thermal Wells
- High power IGBT’s, LED
- Power Transistors, Diodes, Power Resistors

### AVAILABILITY
- Syringes (3cc, 10cc, 30cc). Jars (8 oz & 1 Kg). Cartridges (6 oz. Semco & 300cc).
- 1 gallon & 5 gallon pail

### Typical Property | Test Method | Results
---|---|---
Type | | Silicone
Special Future | | High Temperature Stable up to 250°C (482°F)
Color | Visual | White
Viscosity 50 rpm @ 25°C, PaS | Helipath | 50
Specific Gravity | ASTM D792 | 2.4
Operating Temperature Range,°C | -55°C to 250°C
Out Gassing: % TML | ASTM-E595 Internal Test data | ND
% CVCM | | ND
Sheef Life @25C | | 5 years
Thermal Conductivity (W/m-K) | ASTM D5470 | 0.9
Thermal Resistance °C-in²/W | ASTM D5470 | 0.045
Electrical Breakdown Voltage (KV/mm) | ASTM D149 | 17
Dissipation Factor (1KHz) | ASTM D150 | 0.0025
Volume Resistivity (Ohm-cm) | ASTM D257 | 10^15

DISCLAIMER: All statements, technical information, and recommendations related to Timtronics products are based on information believed to be reliable, but accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You must assume all risks and liability associated with such use. Timtronics will not be liable for any indirect, special, incidental or consequential loss or damage arising from this product, regardless of legal theory asserted.