



ORDER DESCRIPTION

1. Object of the contract

The subject of the contract is a thermoelectric cooler in the amount of

No	Product name	Qty
Part I		
1	Peltier contact gel - silver filled	3
2	High Silver Thermal adhesive	3
3	Coollaboratory Liquid Extreme - liquid metal thermal	3
Part II		
4	Electrically Conductive Adhesive	3

2. Parameters

2.1. Detailed scope of the subject

Part I

Product name	Properties
Peltier contact gel - silver filled	Form: paste-like Colour: grey Flash point: >200°C Ignition temperature: >450°C (DIN 51794) Density (20°C): approx. 4.00 g/cm ³ Solubility in water: insoluble Viscosity (20°C): approx. 1000 mPa*s at 23 °C Thermal conductivity: ~6.0 W/K*m Package: 3 syringes x 3.3 ml
High Silver Thermal adhesive	Form: pasty Color: silver-gray Pot life: 60 min Flash point: > 100 °C Ignition temperature: > 350 °C Density (20 °C): approx. 2.23 g/cm ³ Viscosity (20 °C): approx. 1,000 mPa*s Thermal conductivity: approx. 7.5 W/K*m (non-crosslinked) approx. 4 W/K*m (crosslinked) Package: 3 styryngie x 10 g



Coollaboratory Liquid Extreme - liquid metal thermal paste	Type: Liquid metal Form: Pasty Colour: Gray Coefficient of thermal conductivity: 41 W/mK Electrically conductive: Yes
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Product name	Properties
Electrically Conductive Adhesive	Viscosity @ 25 °C: (A) 3 000 Pa·s, (B) 8 600 Pa·s Resistivity: 7.0 x 10 ⁻⁴ Ω·cm Hardness: 73 D Tensile Strength: 9.0 N/mm ² Compressive Strength: 36 N/mm ² Water Absorption: 0.3 % Outgassing @ 125 °C for 24 h: 0.4 % Glass Transition Temperature (T _g): 34 °C CTE Prior T _g : 97 ppm/°C CTE After T _g : 208 ppm/°C Thermal Conductivity @ 25 °C: 2.4 W/(m·K) Service Temperature Range: -40–150 °C Shelf Life: 3 y Package: 3 syringe x 6 ml