

# Gap filling thermal pad: GFTP-600

Technical Datasheet | Feb 2019

Version: 1.0

## Product Overview

GFTP-600 is a kind of high-performance heat-conducting sheet, which can fill the gap between the heat source surface of electronic devices and the contact surface of radiator. It can achieve full contact and form a continuous heat-conducting path by extruding air so that can increase the heat dissipation area to achieve excellent heat dissipation purposes effectively. This product has the characteristics of super soft, low pressure, high type change, good interface wettability, thermal conductivity, low volatility, low permeability oil and excellent mechanical properties. It is widely used in the fields of electronic appliances, 5G communication, new energy vehicles, LED and smart home.

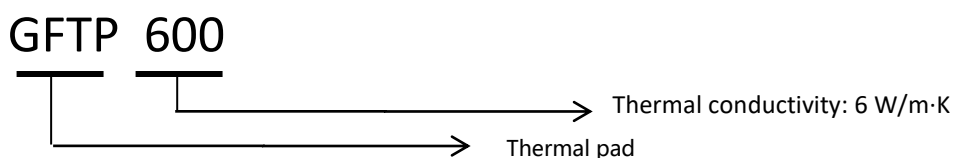
## Product Features

- Excellent thermal conductivity, 6W/m·K
- Good surface wettability
- Low volatilization
- High deformation under low pressure
- Compliance with ROHS Specification

## Typical application

- Chassis or related heat conductivity module;
- Smart devices, mobile phone, tablet;
- Communication device, semiconductor device;
- Power module, etc.;

## Classification



## Typical Physical Performance

Item	SLT-HP600	Test method
Color	Gray	Visual
Hardness (Shore 00)	50	ASTM D2240
Thickness (mm)	0.5-5.0	--
Thermal conductivity (W/m·K)	6.0	ASTM D5470
Density (g/cm <sup>3</sup> )	3.2	ASTM D792
Flammability	V0	UL94
Working temperature (°C)	-40~200	--
Breakdown Voltage (KV/mm)	>10.0	ASTM D149
Dielectric constant @1 MHz	7.7	ASTM D150
Volumetric resistivity (ohm-cm)	10 <sup>13</sup>	ASTM D257

Note : The following technical information and data should be considered representative or typical only and should not be used for specification purposes. Final product specifications and testing methods will be finalized when the product is officially commercialized.

## Application tips

- Please confirm the correctness of use before using;
- Make sure the application interface is clean before use;
- Use a pneumatic dispenser to point directly to the component, or other methods to dispense directly;

## Storage and expiration date

The product should be stored at room temperature. Shelf life is 24 months from the date of manufacture.