

## TP-H6 Series Thermal Film

### Applications

- Power Electronics (SMPS, Converter)
- Automotive Electronics (ABS)
- Power Semiconductors

### Description

- Excellent thermal performance
- Silicone free
- Good die-cut property
- Naturally tacky
- High electrical insulating characteristics

Properties	symbol	unit	TP-H6001	TP-H6002
Color			Red	Red
<b>Thermal Properties</b>				
Thermal Conductivity	$\lambda$	W/mK	5.3	5.3
<b>Electrical Properties</b>				
Dielectric Breakdown Voltage		kV	$\geq 5.0$	$\geq 7.0$
Volume Resistivity		$\Omega\text{cm}$	$> 1.20 \times 10^{13}$	$> 6.23 \times 10^{13}$
<b>Mechanical Properties</b>				
Thickness		mm	0.1	0.2
Standard Size		mm x mm	-	-
Hardness		Shore 00	80	80
Tensile Strength		mPa	5.8	6.5
<b>Physical Properties</b>				
Application Temperature		$^{\circ}\text{C}$	-20 to +120	

DISCLAIMER: Purchaser shall be solely responsible for determining the adequacy of the product for any and all uses which the purchaser shall apply the product, and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose