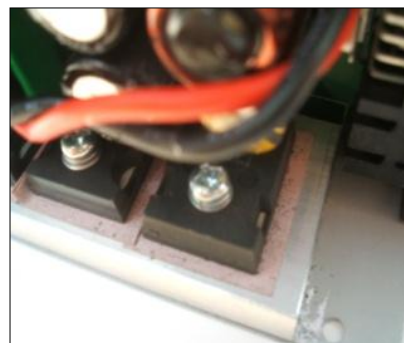


## TP-H Series Thermal Film



### Description

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



### Applications

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

Properties	symbol	unit	TP-H10	TP-H20	TP-H30
Color			Black	Red	Yellow
<b>Thermal Properties</b>					
Thermal Conductivity	$\lambda$	W/mK	1.0	2.0	3.0
<b>Electrical Properties</b>					
Dielectric Breakdown Voltage		kV	>5	>5	>5
Volume Resistivity		$\Omega\text{cm}$	$> 10^{13}$	$> 10^{13}$	$> 10^{13}$
<b>Mechanical Properties</b>					
Base Polymer			Silicone		
Thickness		mm	0.5, 1.0, 1.5, 2.0		
Standard Size		mm x mm	210×297, Roll(210×15M, 0.5T/1.0T)		
Hardness		Shore A	45	54	79
Tensile Strength		mPa	>3.7	>2.6	>1.5
<b>Physical Properties</b>					
Application Temperature		°C	-60 to +200		
Flame class		UL94	V0 [File No.: E258204]		

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