

TP-S Series Gap Filler

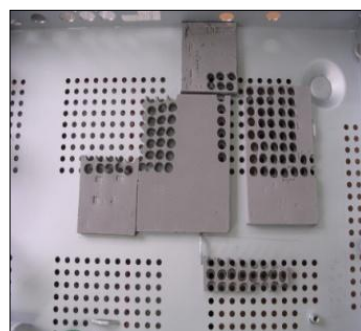


Description

- Excellent thermal conductivity
- Low hardness
- Self sticky property
- Low siloxane content
- LS version has less than 50 ppm silicone content

Applications

- Telecommunication Devices (Router)
- Power Industries (SMPS)
- Flat Panel Displays (PDP, LCD)



Properties	symbol	unit	TP-S10	TP-S15	TP-S20	TP-S25	TP-S30	TP-S30 LS*
Color			Black	Gray	Gray	Purple	Gray	Gray
Thermal Properties								
Thermal Conductivity	λ	W/mK	1.0	1.5	2.0	2.5	3.0	3.0
Electrical Properties								
Dielectric Breakdown Voltage		kV	>5	>5	>5	>5	>5	>5
Volume Resistivity		Ωcm	$> 10^{12}$	$> 10^{12}$	$> 10^{12}$	$> 10^{12}$	$> 10^{12}$	$> 10^{12}$
Mechanical Properties								
Base Polymer			Silicone					
Thickness		mm	0.5, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0					
Hardness		Shore 00	45	45	45	45	45	55
Tensile Strength		MPa	>0.22	>0.22	>0.22	>0.22	>0.22	>0.22
Physical Properties								
Application Temperature		°C	-60 to +200					
Flame class		UL94	V0 [File No.: E258204]					

* - LS = Low Silicone

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