

Data Sheet Of Thermal Conductive Double Side Tape-TSC090(fiber)

Characteristic:

Flat panel display, LCD-TV, TFT-LCD.

Test/control medical equipment, new energy vehicle industry.

Built-in power module, backlight module.

LED lighting equipment, semiconductor lighting equipment, power module.



TSP-TSC series thermally conductive double-sided adhesive is made of acrylic resin filled with a specific thermal conductive agent and made of glass fiber as the base material. It is a material with high thermal conductivity and insulation, easy to operate; it has excellent softness, conformability, self-adhesion, high tensile strength and anti-puncture

1.Size:1050MM*50M, can be roll, cut, die-cut, etc. If you have special production requirements, it can also be customized.

Properties	Linze -TSP -TSC090(Contains Fiber)									
Color	White	White	White	White	White	White	White	White	White	White
Thickness(mm)T <1MM ±0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.5	0.6	0.7
Texture of material	Acrylic polymer+Glass fiber									
Stripping force (g/in)	1200	1200	1500	1500	1500	1600	1900	2000	2000	1200
Adhesion force (Hr)	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr	24Hr
Continuous Use Temperature(°C)	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110	-40 to 110
Electrical Properties										
Breakdown Voltage(KV/AC)	≥2KV	≥2KV	≥3KV	≥3KV	≥3KV	≥4KV	≥4KV	≥4KV	≥4KV	≥4KV
Volume Resistivity(ohm- meter)@3mm	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵
ROHS&Reach	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Thermal Properties										
Thermal Conductivity(W/ 3.28°C-cm /W	0.51°C-in /W 2 3.28°C-cm /W	0.51°C-in /W 2 3.28°C-cm /W	0.58°C-in /W 2 3.74°C-cm /W	0.62°C-in /W 2 3.99°C-cm /W	0.75°C-in /W 2 4.83°C-cm /W	0.81°C-in /W 2 5.22°C-cm /W	0.88°C-in /W 2 5.67°C-cm /W	1.21°C-in /W 2 7.81°C-cm /W	1.32°C-in /W 2 8.51°C-cm /W	1.41°C-in /W 2 9.09°C-cm /W
Thermal resistance(°C.CM	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Store at 25 °C, moisture-proof and prevent sunshine.

Typical Applications

Flat panel display, LCD-TV TFT-LCD

Internal power module, backlight module

LED lighting equipment, semiconductor lighting equipment, power module

Test/control medical equipment

New energy vehicle industry