Nano Carbon Copper Foil Tape

Introduction	Nano carbon copper foil tape is a functional thermal tape with high-performance heat-conducting copper foil as backing, compounded with nano-carbon on the surface, and then coated with acrylic adhesive. It has the characteristics of high thermal conductivity, electrical conductivity, shielding, flexibility, machinability, and high temperature resistance.
Application	Widely used in smartphones, notebooks, tablet computers, LED lighting and many other fields that require heat dissipation.

Property

Product Code / Technical Parameters	P1503	P1505	P1506	P1508	P1510	P1511	P1512	P1515
Color	Black	Black	Black	Black	Black	Black	Black	Black
Total Thickness[mm]	0.03	0.05	0.06	0.08	0.1	0.11	0.12	0.15
Backing Thickness[mm]	0.009	0.02	0.03	0.035	0.05	0.07	0.07	0.07
Backing	Nano Carbon Copper Foil							
Adhesive	Acrylic							
180° Peel Strength[N/inch]	10	10	12	12	12	12	12	12
Initial Adhesion[#]	2	2	3	3	3	3	3	3
Retentivity [hour]	48							
Long-Term Temperature Resistance[℃]	80							
Short-Term Temperature Resistance[℃]	120							
Surface Resistance[mΩ]	50							
Base Thermal Conductivity[W/mk]	400							
Composite Thermal Conduction Coefficient [W/mk]	600-800							
Storage and shelf life	It is recommended to store in a clean and dry place, away from direct sunlight to prevent damage to the packaging, and to avoid storing with volatile solvents. Store at 25±5° C and humidity at 50±5%.							