

## NON-SILICONE THERMAL PAD

series: **WG-30NS**



- No silicone outgassing.
- Good tensile strength and wear resistance.
- Custom sizes and shapes available.
- Thickness: 0.5 – 10.0mm.
- Hardness: 70 Shore 00
- Thermal Conductivity: 3.0W/mk.
- Typical applications include: power battery pack, vehicle navigator, camera equipment, notebook computer, mobile equipment, medical devices.

Item	Unit	WG-30NS	Test Method
Thermal Conductivity	W/m.k	3.0	ASTM D5470
Hardness	Shore 00	70	ASTM D2240
Thickness	mm	0.5 ~ 5.0	ASTM D374
Specific Gravity	g/cm <sup>3</sup>	2.9	ASTM D792
@ 1.0mm Volume Resistivity	Ωcm	10 <sup>13</sup>	GB/T 1410
Adhesive	-	Upon request	-
Elongation	%	100	ASTM D412
Tensile Strength	psi	40	ASTM D412
Dielectric Breakdown Voltage	AC/mm	>5KV	ASTM D149
Thermal resistance (1mm, @40psi)	°C*in <sup>2</sup> /W	0.6	ASTM D5470
Compression Ratio (1mm, @ 40psi)	%	35	-
Flammability Class	UL	94-V-0	UL
Max Temperature Range	°C	-40 ~ +120	-
Colour	-	Off White	Visual
Sheet size	mm	200 x 200 or 200 x 400	-