

## CARBON FIBRE THERMAL PAD

series: **WGCF20**



- Thermal conductivity: 20W/mk.
- Good flexibility and high compression ratio.
- Low density and good durability.
- Good contact with uneven surfaces.
- Eliminates air gaps and improves heat conduction efficiency.
- Available with or without adhesive tape.
- Typical applications include: vehicle navigation systems, power equipment, graphics cards, memory modules and LED lighting

Properties	Unit	WGCF20	Standard
Thermal Conductivity	W/m.k	20.0	ASTM E1530
Hardness	Shore 00	70	ASTM D2240
Thickness	Mm	0.40~20.0	ASTM D374
Material	-	Liquid silicone rubber	ASTM D792
Filler	-	Carbon	
Tensile Strength	psi	30	ASTM D412
Elongation	%	20	ASTM D412
Thermal Resistance (1mm@40psi)	°C*in <sup>2</sup> /W	0.09	ASTM D257
Insulation Strength	kV/mm	0.01	ASTM D149
Density	cm <sup>3</sup>	2.9	ASTM D150
Flammability	-	94-V-0	UL
Max Temperature Range	°C	-50 ~ +160	-
Sheet Size	mm	50x150	-
Colour	-	Black	Visual

