

CARBON FIBRE THERMAL PAD

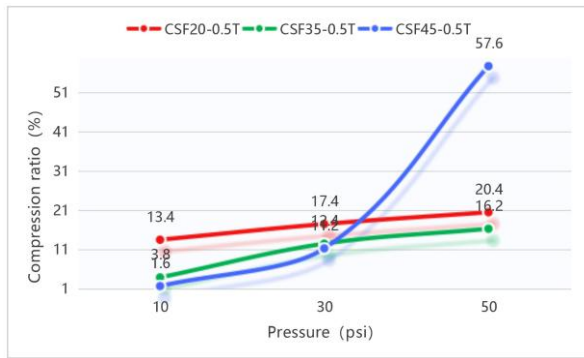
series: **WGCF25**



- Thermal conductivity: 25W/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	WGCF25	Standard
Thermal Conductivity	W/m.k	25.0	ASTM D5470
Hardness	Shore 00	70	ASTM D2240
Thickness	Mm	0.3~12.0	ASTM D374
Material	-	Liquid silicone rubber	ASTM D792
Filler	-	Carbon	-
Tensile Strength	psi	30	ASTM D412
Elongation	%	30	ASTM D412
Thermal Impedance (1mm@20psi)	°C*in ² /W	0.12	ASTM D5470
Dielectric Strength	V/mm	100	ASTM D149
Density	G/cm ³	2.6±0.2	ASTM D792
Flammability	-	V-0	UL 94
Max Temperature Range	°C	-50 ~ +160	ASTM D1329
Sheet Size	mm	50x150	-
Colour	-	Black	Visual

Certification Standard	Compliant
ROHS 3 (EU 2015-863)	Yes
REACH SVHC	Yes
Halogen Free	Yes
ISO 16949	Yes
RBA	Yes



Commented [MS1]:

Storage Instructions: Store in a ventilated, cool dry place, do not place near open flames. This product is non-toxic and is stored and transported as non-dangerous goods. Keep away from direct UV.

Shelf Life: 24 months from date of manufacture.

For copy of SDS document, please contact our [sales team](#).

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.