


SILICONE THERMAL PADS - COMPARISON



- Fills uneven surfaces and eliminates air gaps.
- Custom shapes and sizes available.
- Excellent wear resistance.
- Thickness: 0.3-15.0mm
- Hardness: Up to 90 Shore 00.
- Thermal conductivity: Up to 12.0W/mk.
- Typical applications include mobile phones, tablets, notebooks, digital camera, routers, and test equipment.

Part Number	Thermal Conductivity (W/mk)	Hardness	Temperature Range (°C)	Thickness (mm)	PSA Available?	Fibreglass Available?	Colour	Datasheet
A SERIES – Thermal filler pad								
ATS042	2.65	60 Shore 00	-60 ~ +150	0.3 ~ 15.0	Yes	No	Grey	PDF
ATS050	5.0	65 Shore 00	-60 ~ +150	0.3 ~ 15.0	Yes	Yes	Grey	PDF
G Series – Thermal filler pad								
G16LH19	1.9	60 Asker C	-40 ~ +150	0.5 ~ 3.0	No	No	White	PDF
G19LH19	1.9	90 Asker C	-40 ~ +150	0.5 ~ 3.0	No	No	Blue	PDF
G40LH65	6.5	45 Asker C	-40 ~ +150	0.5 ~ 3.0	No	No	Grey	PDF
G65LH65	6.5	65 Asker C	-40 ~ +150	0.5 ~ 3.0	No	No	Brown	PDF
G31LH82	8.2	40 Asker C	-40 ~ +150	0.5 ~ 3.0	No	No	Grey	PDF
W Series								
W8TR170D	1.7	65 Shore 00	-40 ~ +200	0.3 ~ 15.0	Yes	No	Black	PDF
W6TR315G	3.15	15 Shore 00	-40 ~ +200	0.8 ~ 8.0	No	Yes	Grey	PDF
W6TR400GP	4.0	Shore 45 00	-50 ~ +200	0.5 ~ 10	No	Yes	Pink	PDF
W8TR500G	5.0	65 Shore 00	-40 ~ +200	0.3 ~ 15.0	Yes	Yes	Grey	PDF
W10TR600A	6.0	80 Shore 00	-40 ~ +200	0.3 ~ 3.0	Yes	No	Grey	PDF
WG Series								
WG-70S	7.0	50-80 Shore 00	-50 ~ +200	0.5 ~ 5.0	Yes	No	Grey	PDF
WG-80S	8.0	50-80 Shore 00	-50 ~ +200	0.5 ~ 5.0	Yes	No	Grey	PDF
WG-100S	10.0	55±5 Shore 00	-50 ~ +150	0.5 ~ 5.0	Yes	No	Grey	PDF
WG-120S	12.0	55-75 Shore 00	-50 ~ +150	1.0 ~ 5.0	Yes	No	Grey	PDF