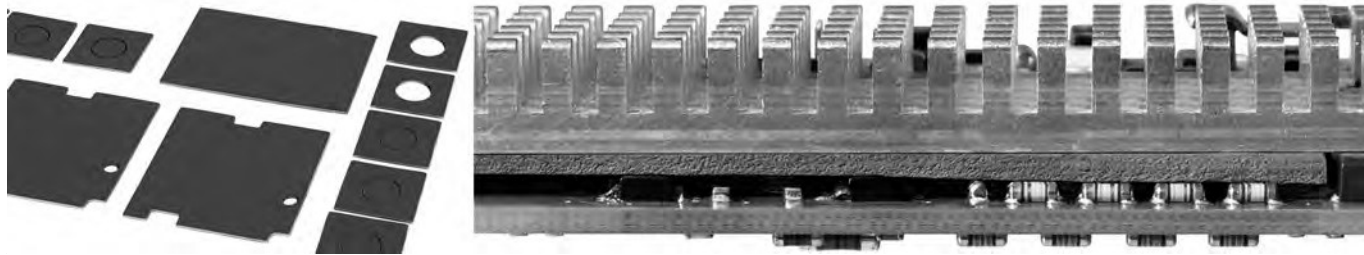


Gel thermal conducting foils



- GEL thermal conductive foils with very good thermal characteristics
- for balancing non-planarities and differences in components (Gap Filler)
- soft, elastic and compressible
- customer specific cuts and punchings according to drawing

art. no.	material thickness [mm]	R _{th} (100 kPa) [°C in ² /W]	R _{th} (100 kPa) [°C cm ² /W]	art. no.	material thickness [mm]	R _{th} (100 kPa) [°C in ² /W]	R _{th} (100 kPa) [°C cm ² /W]
GEL 28 05	0.5 ±0.15	0.23	1.48	GEL 28 G 05	0.5 ±0.15	0.29	1.85
GEL 28 10	1.0 ±0.2	0.44	2.76	GEL 28 G 10	1.0 ±0.2	0.47	2.99
GEL 28 15	1.5 ±0.2	0.61	3.82	GEL 28 G 15	1.5 ±0.2	0.72	4.53
GEL 28 20	2.0 ±0.3	0.80	5.00	GEL 28 G 20	2.0 ±0.3	0.97	6.07
GEL 28 25	2.5 ±0.3	0.90	5.65	GEL 28 G 25	2.5 ±0.3	1.15	7.23
GEL 28 30	3.0 ±0.3	1.10	6.90	GEL 28 G 30	3.0 ±0.3	1.23	7.69
GEL 28 35	3.5 ±0.3	1.27	7.97	GEL 28 G 35	3.5 ±0.3	1.35	8.46
GEL 28 40	4.0 ±0.3	1.39	8.69	GEL 28 G 40	4.0 ±0.3	1.67	10.47
GEL 28 50	5.0 ±0.3	1.67	10.47	GEL 28 G 50	5.0 ±0.3	1.92	12.02

	GEL 28	GEL 28 G
version	standard	polyamide film mash reinforced
thermal conductivity	2.5 W/m·K	
volume resistance	3.6·10 ⁴ MΩ/m	
hardness range	50 Shore 00	55 Shore 00
temperature range	-60°C ... +200°C	
extensibility	64 %	32 %
dielectric constant	8,98 [50 Hz] / 8,63 [1 kHz] / 8,05 [1 MHz]	
dielectric loss factor	0.0826 [50 Hz]/0.0300 [1 kHz]/0.0052 [1 MHz]	
dielectric strength	15 kV/mm	
tightness	2.7 g/cm ³	
class of flammability	UL 94 V-0	
type of delivery	on both sides covered with protective foil/ plates, usable area 300x200mm/ other dimensions upon request	