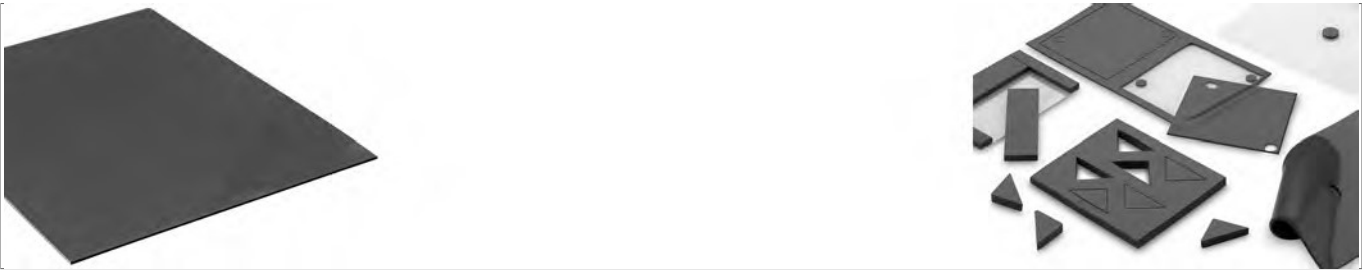


Gel thermal conducting foils



- highly heat-conductive silocon foil
- smooth, elastic and compressible
- equals uneven surfaces very well (Gap-Filler)

art. no.	material thick- ness [mm]	R _{th} (100 kPa) [°C in²/W]	R _{th} (100 kPa) [°C cm²/W]	art. no.	material thick- ness [mm]	R _{th} (100 kPa) [°C in²/W]	R _{th} (100 kPa) [°C cm²/W]
GEL 05	0.5 ±0.1	0.69	4.45	GEL G 05	0.5 ±0.1	0.63	4.04
GEL 10	1.0 ±0.2	1.03	6.64	GEL G 1	1.0 ±0.2	1.17	7.56
GEL 15	1.5 ±0.2	1.39	8.96	GEL G 15	1.5 ±0.2	1.59	10.27
GEL 20	2.0 ±0.3	1.52	9.78	GEL G 2	2.0 ±0.3	2.07	13.33
GEL 25	2.5 ±0.3	2.10	13.58	GEL G 25	2.5 ±0.3	2.61	16.81
GEL 30	3.0 ±0.3	2.35	15.15	GEL G 3	3.0 ±0.3	2.89	18.66
GEL 35	3.5 ±0.3	2.56	16.51	GEL G 35	3.5 ±0.3	3.35	21.63
GEL 40	4.0 ±0.4	3.25	20.95	GEL G 4	4.0 ±0.4	3.56	22.96
GEL 45	4.5 ±0.4	3.38	21.82	GEL G 45	4.5 ±0.4	3.89	25.10
GEL 50	5.0 ±0.5	3.52	22.70	GEL G 5	5.0 ±0.5	4.22	27.23

	GEL	GEL G 05 - 25	GEL G 3 - 5
version	standard	polyamide film mash reinforced, adherent layer on one side	
thermal conductivity	1.5 W/m·K		
volume resistance	1·10 ⁶ MΩ/m		
hardness range	49 Shore 00		
temperature range	-60°C ... +200°C		
extensibility	100 %	60 %	
dielectric constant	5.8 [50 Hz]/ 5.6 [1 KHz]/ 5.5 [1 MHz]		
dielectric loss factor	0.048 [50 Hz]/ 0.015 [1 KHz]/ 0.003 [1 MHz]		
dielectric strength	14 kV/mm (AC)	8 kV/mm (AC)	
tightness	2.6 g/cm ³		
class of flammability	UL 94 V-0	UL 94 V-1	UL 94 V-0
type of delivery	on both sides covered with protective foil/ plates, usable area 300x200mm/ cuttings on customer's requirements		