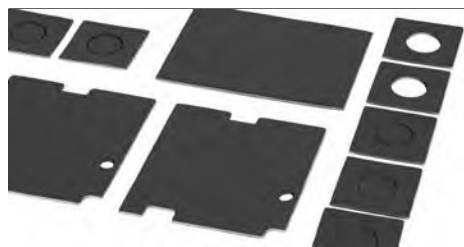


Thermal adhesive foils


- gap filler with exceptionally good thermal conductivity and low outgassing
- especially smooth, compressible and elastic
- cut outs, punchings and modifications according to customer specification
- other material thicknesses upon request

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 45 05	0.5 ±0.15	0.61	3.94	GEL 45 G 05	0.5 ±0.15	0.64	4.17
GEL 45 10	1.0 ±0.2	0.96	6.27	GEL 45 G 10	1.0 ±0.2	0.97	6.28
GEL 45 15	1.5 ±0.2	1.30	8.42	GEL 45 G 15	1.5 ±0.2	1.71	11.06
GEL 45 20	2.0 ±0.3	1.52	9.85	GEL 45 G 20	2.0 ±0.3	1.71	11.06
GEL 45 25	2.5 ±0.3	1.71	11.08	GEL 45 G 25	2.5 ±0.3	2.03	13.11
GEL 45 30	3.0 ±0.3	1.94	12.52	GEL 45 G 30	3.0 ±0.3	2.28	14.76
GEL 45 35	3.5 ±0.35	2.20	14.20	GEL 45 G 35	3.5 ±0.35	2.54	16.40
GEL 45 40	4.0 ±0.4	2.46	15.88	GEL 45 G 40	4.0 ±0.4	2.80	18.12
GEL 45 45	4.5 ±0.45	2.68	17.34	GEL 45 G 45	4.5 ±0.45	3.03	19.56
GEL 45 50	5.0 ±0.5	2.84	17.34	GEL 45 G 50	5.0 ±0.5	3.22	20.82

	GEL 45	GEL 45 G
version	standard	polyamide film mesh reinforced
thermal conductivity	4.5 W/m·K	
volume resistance	1.4·10 ⁵ Ω/cm	
hardness range	45 Shore 00	
temperature range	-60°C ... +200°C	
extensibility	50 %	
dielectric constant	8,98 [50 Hz] / 8,63 [1 kHz] / 8,05 [1 MHz]	
dielectric loss factor	0,0249 [50 Hz] / 0,0219 [1 kHz] / 0,00675 [1 MHz]	
dielectric strength	11 kV/mm	
tightness	3.2 g/cm ³	
class of flammability	UL 94 V-0	
type of delivery	on both sides covered with protective foil/ plates, usable area 300x200mm/ cuttings on customer's requirements	

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