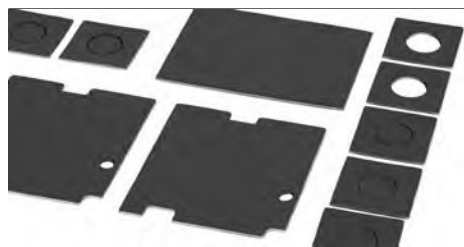


**Thermal adhesive foils**


- 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 <sub>th</sub> (100 kPa) [°C in <sup>2</sup> /W]	R <sub>th</sub> (100 kPa) [°C cm <sup>2</sup> /W]	art. no.	material thickness [mm]	R <sub>th</sub> (100 kPa) [°C in <sup>2</sup> /W]	R <sub>th</sub> (100 kPa) [°C cm <sup>2</sup> /W]
<b>GEL 45 05</b>	0.5 ±0.15	0.61	3.94	<b>GEL 45 G 05</b>	0.5 ±0.15	0.64	4.17
<b>GEL 45 10</b>	1.0 ±0.2	0.96	6.27	<b>GEL 45 G 10</b>	1.0 ±0.2	0.97	6.28
<b>GEL 45 15</b>	1.5 ±0.2	1.30	8.42	<b>GEL 45 G 15</b>	1.5 ±0.2	1.71	11.06
<b>GEL 45 20</b>	2.0 ±0.3	1.52	9.85	<b>GEL 45 G 20</b>	2.0 ±0.3	1.71	11.06
<b>GEL 45 25</b>	2.5 ±0.3	1.71	11.08	<b>GEL 45 G 25</b>	2.5 ±0.3	2.03	13.11
<b>GEL 45 30</b>	3.0 ±0.3	1.94	12.52	<b>GEL 45 G 30</b>	3.0 ±0.3	2.28	14.76
<b>GEL 45 35</b>	3.5 ±0.35	2.20	14.20	<b>GEL 45 G 35</b>	3.5 ±0.35	2.54	16.40
<b>GEL 45 40</b>	4.0 ±0.4	2.46	15.88	<b>GEL 45 G 40</b>	4.0 ±0.4	2.80	18.12
<b>GEL 45 45</b>	4.5 ±0.45	2.68	17.34	<b>GEL 45 G 45</b>	4.5 ±0.45	3.03	19.56
<b>GEL 45 50</b>	5.0 ±0.5	2.84	17.34	<b>GEL 45 G 50</b>	5.0 ±0.5	3.22	20.82

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