

**Silicone free thermal adhesive foils**



- silicone free gap-filler with good thermal characteristics
- 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 F 15 10</b>	1.0 ±0.2	1.06	6.56	<b>GEL F 15 G 10</b>	1.0 ±0.2	1.16	7.55
<b>GEL F 15 15</b>	1.5 ±0.2	1.44	8.01	<b>GEL F 15 G 15</b>	1.5 ±0.2	1.52	9.22
<b>GEL F 15 20</b>	2.0 ±0.3	1.83	11.26	<b>GEL F 15 G 20</b>	2.0 ±0.3	1.93	10.89

	<b>GEL F 15</b>	<b>GEL F 15 G</b>
<b>version</b>	standard	polyamide film mash reinforced
<b>thermal conductivity</b>	1.5 W/m·K	
<b>volume resistance</b>	2 · 10 <sup>3</sup> MΩ/m	
<b>hardness range</b>	53 Shore 00	
<b>temperature range</b>	-40°C... +105°C	
<b>extensibility</b>	150 %	
<b>dielectric constant</b>	9,12 [50 Hz] / 8,55 [1 kHz] / 5,83 [1 MHz]	
<b>dielectric loss factor</b>	0,152 [50 Hz] / 0,135 [1 kHz] / 0,034 [1 MHz]	
<b>dielectric strength</b>	11 kV/mm	
<b>tightness</b>	2.1 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	

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