

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 _{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 F 15 10	1.0 ±0.2	1.06	6.56	GEL F 15 G 10	1.0 ±0.2	1.16	7.55
GEL F 15 15	1.5 ±0.2	1.44	8.01	GEL F 15 G 15	1.5 ±0.2	1.52	9.22
GEL F 15 20	2.0 ±0.3	1.83	11.26	GEL F 15 G 20	2.0 ±0.3	1.93	10.89

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