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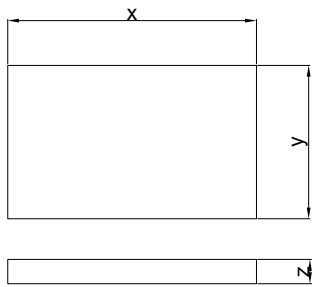
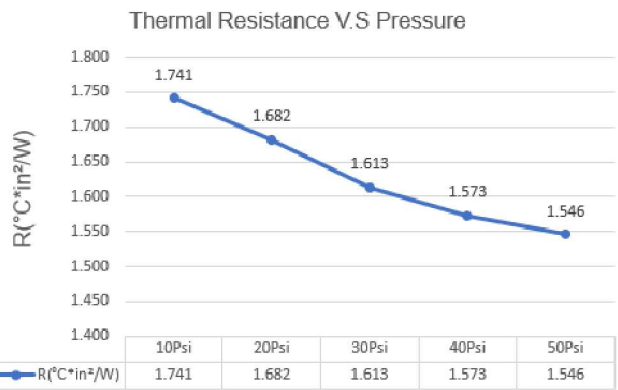
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Properties		Value	Unit	Tolerance	Test Method
Thermal Conductivity		2	W/m-K	± 0.3	ASTM D5470
Reinforcement Carrier optional		Fiberglass mesh	/	/	/
Color*		Gray white	/	/	Visual
Density		2.59	g/cm <sup>3</sup>	/	ASTM D792
Hardness*		30	Shore00	± 5	ASTM D2240
Tensile strength		30	psi	/	ASTM D412
Flame Rating		94V-0	/	/	Equivalent UL
Volume Resistance		1 x 10 <sup>13</sup>	Ω·cm	/	ASTM D257
Breakdown Voltage	z ≤ 0.5 mm	> 3	KV/mm	/	ASTM D149
	z > 0.5 mm	> 5	KV/mm	/	ASTM D149
Working Temperature		-40 ~ +150	°C	/	/
Storage conditions	Temperature (T)	15 < T < 30	°C	/	/
	Relative humidity (Rh)	< 70	%	/	/
Shelf life		12	month	/	/

Notes:

- Adhesivity
  - Natural tacky
- Features
  - Good thermal conductivity, low thermal resistance
  - Good thermal stability
  - Good resilience; high reliability for long-term use
  - Good insulating material
- Application options
  - Communication equipment, Network terminals, Storage devices, Consumer electronics, power supply devices, security equipment

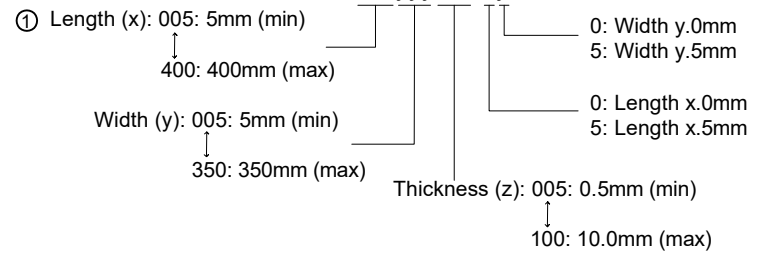
Additional adhesive surface or reinforcement can influence the thermal conductivity. Modification of color or hardness can influence the thermal conductivity. A suitability check is recommended.  
 \* other on request



Properties	Min (mm)	Max (mm)
Length (x)	5.0	400.0
Width (y)	5.0	350.0
Thickness (z)	0.5	10.0

① Special or other dimensions / sizes on request.

Order code:



N: Not reinforced / not adhesive / natural tack  
 O: Not reinforced / one side adhesive  
 P: Not reinforced / two sides adhesive  
 R: Reinforced / not adhesive / natural tack  
 S: Reinforced / one side adhesive  
 T: Reinforced / two sides adhesive

RoHS compliant

Unit:mm

Scale	Free				Date	Name	Description:	
TOLERANCE					Drawn	08.08.2022	Segal	Thermal foil, containing silicone, Gray white
0~30	±0.3				Approved	03.11.2022	Larsen	ASSMANN WSW-No.
31~50	±0.5							VFSBCx-xxxxyyzzz-xy
51~400	±2.0							
DIM	TOL	①	Update	03.11.2022	Larsen			
0~1	±0.1	①	Drawn	08.08.2022	Segal			
1~10	±10%	①				Customer-No.		SHEET 1 / 1
T	TOL	Id.	Modification	Date	Name			
				03.11.2022				

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