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A	<table><tr><th colspan="2">Properties</th><th>Value</th><th>Unit</th><th>Tolerance</th><th>Test Method</th></tr><tr><td colspan="2">Thermal Conductivity</td><td>10</td><td>W/m·K</td><td>± 0.3</td><td>ASTM D5470</td></tr><tr><td colspan="2">Reinforcement Carrier optional</td><td>Fiberglass mesh</td><td>/</td><td>/</td><td>/</td></tr><tr><td colspan="2">Color*</td><td>Dark Gray</td><td>/</td><td>/</td><td>Visual</td></tr><tr><td colspan="2">Density</td><td>3.28</td><td>g/cm³</td><td>/</td><td>ASTM D792</td></tr><tr><td colspan="2">Hardness*</td><td>65</td><td>Shore00</td><td>± 5</td><td>ASTM D2240</td></tr><tr><td colspan="2">Tensile strength</td><td>20</td><td>psi</td><td>/</td><td>ASTM D412</td></tr><tr><td colspan="2">Flame Rating</td><td>94V-0</td><td>/</td><td>/</td><td>Equivalent UL</td></tr><tr><td colspan="2">Volume Resistance</td><td>1.1x 10¹³</td><td>Ω·cm</td><td>/</td><td>ASTM D257</td></tr><tr><td colspan="2">Breakdown Voltage</td><td>≥ 5</td><td>KV/mm</td><td>/</td><td>ASTM D149</td></tr><tr><td colspan="2">Working Temperature</td><td>-40 ~ +150</td><td>°C</td><td>/</td><td>/</td></tr><tr><td rowspan="2">C</td><td rowspan="2">Storage conditions</td><td>Temperature (T)</td><td>15 < T < 30</td><td>°C</td><td>/</td></tr><tr><td>Relative humidity (Rh)</td><td>< 70</td><td>%</td><td>/</td></tr><tr><td colspan="2">Shelf life</td><td>12</td><td>months</td><td>/</td><td>/</td></tr></table> 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		Value	Unit	Tolerance	Test Method	Thermal Conductivity		10	W/m·K	± 0.3	ASTM D5470	Reinforcement Carrier optional		Fiberglass mesh	/	/	/	Color*		Dark Gray	/	/	Visual	Density		3.28	g/cm³	/	ASTM D792	Hardness*		65	Shore00	± 5	ASTM D2240	Tensile strength		20	psi	/	ASTM D412	Flame Rating		94V-0	/	/	Equivalent UL	Volume Resistance		1.1x 10 ¹³	Ω·cm	/	ASTM D257	Breakdown Voltage		≥ 5	KV/mm	/	ASTM D149	Working Temperature		-40 ~ +150	°C	/	/	C	Storage conditions	Temperature (T)	15 < T < 30	°C	/	Relative humidity (Rh)	< 70	%	/	Shelf life		12	months	/	/	A								
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B	Notes: - Adhesivity 1.1. Natural tacky - Features 2.1. Good thermal conductivity, low thermal resistance 2.2. Good thermal stability 2.3. Good resilience; high reliability for long-term use 2.4. Good insulating material - Application options 3.1. Communication equipment, network terminals, storage devices, consumer electronics, power supply devices, security equipment												B																																																																																										
C	N: Not reinforced / not adhesive / natrual tack O: Not reinforced / one side adhesive P: Not reinforced / two sides adhesive ② R: Reinforced(thickness is 1.0mm at least) / not adhesive / natural tack ② S: Reinforced(thickness is 1.0mm at least) / one side adhesive ② T: Reinforced(thickness is 1.0mm at least) / two sides adhesive												C																																																																																										
D	Thermal Resistance v.s. Pressure <table><tr><th></th><th>10Psi</th><th>20Psi</th><th>30Psi</th><th>40Psi</th><th>50Psi</th></tr><tr><td>R(°C*in²/W)</td><td>0.268</td><td>0.250</td><td>0.192</td><td>0.136</td><td>0.100</td></tr></table> Order code: VFSJAx-xxxxxyzzz-xy ① Length (x): 005: 5mm (min) 400: 400mm (max) Width (y): 005: 5mm (min) 350: 350mm (max) Thickness (z): 005: 0.5mm (min) 100: 10.0mm (max) <table><tr><th>Properties</th><th>Min (mm)</th><th>Max (mm)</th></tr><tr><td>Length (x)</td><td>5.0</td><td>400.0</td></tr><tr><td>Width (y)</td><td>5.0</td><td>350.0</td></tr><tr><td>Thickness (z)</td><td>0.5</td><td>10.0</td></tr></table> ① Special or other dimensions / sizes on request.													10Psi	20Psi	30Psi	40Psi	50Psi	R(°C*in²/W)	0.268	0.250	0.192	0.136	0.100	Properties	Min (mm)	Max (mm)	Length (x)	5.0	400.0	Width (y)	5.0	350.0	Thickness (z)	0.5	10.0	D																																																																		
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G	<table><tr><td rowspan="6">RoHS compliant</td><td>Scale</td><td>Free</td><td></td><td></td><td></td><td></td><td></td><td>Date</td><td>Name</td><td colspan="2">Description: Thermal foil, containing silicone, Dark Gray</td></tr><tr><td colspan="2">TOLERANCE</td><td></td><td></td><td></td><td></td><td>Drawn</td><td>08.08.2022</td><td>Segal</td><td colspan="2"></td></tr><tr><td>0~30</td><td>±0.3</td><td rowspan="2">③</td><td>Add the standard P/N in page 2</td><td>09.05.2024</td><td>Segal</td><td>Approved</td><td>09.05.2024</td><td>Segal</td><td colspan="2">ASSMANN WSW-No.</td></tr><tr><td>31~50</td><td>±0.5</td><td>Add remark for the order code</td><td>07.12.2023</td><td>Segal</td><td></td><td></td><td></td><td>VFSJAx-xxxxxyzzz-xy</td></tr><tr><td>51~400</td><td>±2.0</td><td rowspan="2">②</td><td>Update</td><td>03.11.2022</td><td>Larsen</td><td colspan="2" rowspan="2">ASSMANN WSW components</td><td colspan="2">Drawing-No.</td></tr><tr><td colspan="2">DIM</td><td>TOL</td><td>①</td><td></td><td colspan="2">ASS 5034 HS</td><td>rev03</td></tr><tr><td rowspan="3">H</td><td rowspan="3">Unit:mm</td><td>0~1</td><td>±0.1</td><td rowspan="2">①</td><td>Drawn</td><td>08.08.2022</td><td>Segal</td><td colspan="2">Customer-No.</td><td colspan="2">SHEET 1 / 2</td></tr><tr><td>1~10</td><td>±10%</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>T</td><td>TOL</td><td>Id.</td><td>Modification</td><td>Date</td><td>Name</td><td colspan="2">A company of BCS</td><td colspan="2"></td></tr></table>												RoHS compliant	Scale	Free						Date	Name	Description: Thermal foil, containing silicone, Dark Gray		TOLERANCE						Drawn	08.08.2022	Segal			0~30	±0.3	③	Add the standard P/N in page 2	09.05.2024	Segal	Approved	09.05.2024	Segal	ASSMANN WSW-No.		31~50	±0.5	Add remark for the order code	07.12.2023	Segal				VFSJAx-xxxxxyzzz-xy	51~400	±2.0	②	Update	03.11.2022	Larsen	ASSMANN WSW components		Drawing-No.		DIM		TOL	①		ASS 5034 HS		rev03	H	Unit:mm	0~1	±0.1	①	Drawn	08.08.2022	Segal	Customer-No.		SHEET 1 / 2		1~10	±10%						T	TOL	Id.	Modification	Date	Name	A company of BCS				G
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1		2		3		4		5		6		7			
A	Standard articles													A	
B	③	Article number	Length [mm]	Width [mm]	Thickness [mm]									B	
		VFSJAN-015015005-00	15	15	0.5										
		VFSJAN-015015010-00	15	15	1.0										C
		VFSJAN-015015015-00	15	15	1.5										
		VFSJAN-015015020-00	15	15	2.0										
		VFSJAN-015015030-00	15	15	3.0										
VFSJAN-015015040-00		15	15	4.0											
VFSJAN-030030005-00		30	30	0.5									D		
VFSJAN-030030010-00		30	30	1.0											
VFSJAN-030030015-00		30	30	1.5											
VFSJAN-030030020-00		30	30	2.0											
VFSJAN-030030030-00		30	30	3.0											
VFSJAN-030030040-00		30	30	4.0											E
VFSJAN-050050005-00		50	50	0.5											
VFSJAN-050050010-00		50	50	1.0											
VFSJAN-050050015-00		50	50	1.5											
VFSJAN-050050020-00		50	50	2.0											
VFSJAN-050050030-00		50	50	3.0									F		
VFSJAN-050050040-00		50	50	4.0											
VFSJAN-100100005-00		100	100	0.5											
VFSJAN-100100010-00	100	100	1.0												
VFSJAN-100100015-00	100	100	1.5												
VFSJAN-100100020-00	100	100	2.0									G			
VFSJAN-150150005-00	150	150	0.5												
VFSJAN-150150010-00	150	150	1.0												
													H		
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		0~1	±0.1	④	Drawn	08.08.2022	Segal								
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