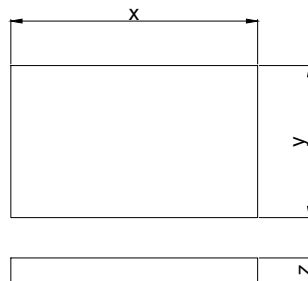
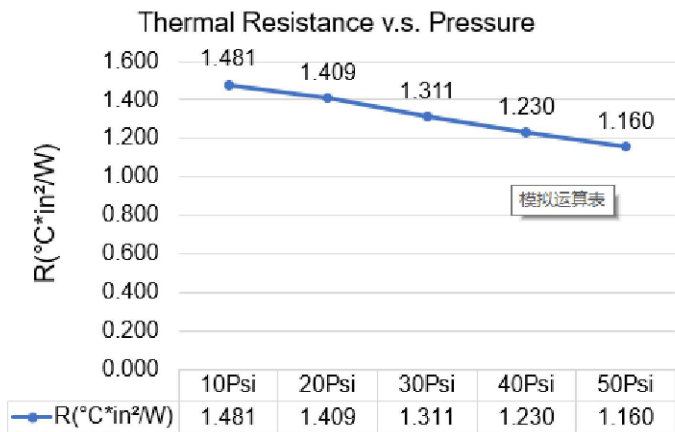


Properties	Value	Unit	Tolerance	Test Method
Thermal Conductivity	1.5	W/m·K	± 0.3	ASTM D5470
Reinforcement Carrier optional	Fiberglass mesh	/	/	/
Color*	Gray white	/	/	Visual
Density	2.23	g/cm ³	/	ASTM D792
Hardness*	30	Shore00	± 5	ASTM D2240
Tensile strength	15	psi	/	ASTM D412
Flame Rating	94V-0	/	/	Equivalent UL
Volume Resistance	4 x 10 ¹³	Ω·cm	/	ASTM D257
Breakdown Voltage	z ≤ 0.5 mm	> 2.5	/	ASTM D149
	z > 0.5 mm	> 4.5	/	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: VFSBBx-xxxxyyzzz-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)

0: Width y.0mm
 5: Width y.5mm

0: Length x.0mm
 5: Length x.5mm

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
TOLERANCE	
0~30	±0.3
31~50	±0.5
51~400	±2.0
DIM	TOL
0~1	±0.1
1~10	±10%
T(z)	TOL

Id.	Modification	Date	Name
②	Add the standard P/N in page 2	30.04.2024	Segal
①	Update	03.11.2022	Larsen
③	Drawn	08.08.2022	Segal

Drawn 08.08.2022 Segal

Approved 30.04.2024 Segal

ASSMANN
 WSW components
 A company of BCS

Description: Thermal foil, containing silicone, Gray white	
ASSMANN WSW-No. VFSBBx-xxxxyyzzz-xy	
Drawing-No. ASS 4992 HS	rev02
Customer-No.	SHEET 1 / 2

1

2

3

4

5

6

7

Standard articles

②	Article number	Length [mm]	Width [mm]	Thickness [mm]
	VFSBBN-100100005-00	100	100	0.5
	VFSBBN-100100010-00	100	100	1.0
	VFSBBN-100100015-00	100	100	1.5
	VFSBBN-100100020-00	100	100	2.0
	VFSBBN-100100030-00	100	100	3.0
	VFSBBN-100100040-00	100	100	4.0
	VFSBBN-150150005-00	150	150	0.5
	VFSBBN-150150010-00	150	150	1.0
	VFSBBN-150150015-00	150	150	1.5
	VFSBBN-150150020-00	150	150	2.0
	VFSBBN-150150030-00	150	150	3.0
	VFSBBN-150150040-00	150	150	4.0
	VFSBBR-100100005-00	100	100	0.5
	VFSBBR-100100010-00	100	100	1.0
	VFSBBR-100100015-00	100	100	1.5
	VFSBBR-100100020-00	100	100	2.0
	VFSBBR-100100030-00	100	100	3.0
	VFSBBR-100100040-00	100	100	4.0
	VFSBBR-150150005-00	150	150	0.5
	VFSBBR-150150010-00	150	150	1.0
	VFSBBR-150150015-00	150	150	1.5
	VFSBBR-150150020-00	150	150	2.0
	VFSBBR-150150030-00	150	150	3.0
	VFSBBR-150150040-00	150	150	4.0

A

A

B

B

C

C

D

D

E

E

F



F

G

G

RoHS compliant

Unit:mm

Scale	Free					Date	Name	
TOLERANCE						Drawn	08.08.2022	Segal
0~30	±0.3					Approved	30.04.2024	Segal
31~50	±0.5							
51~400	±2.0	②	Add the standard P/N in page 2	30.04.2024	Segal			
DIM	TOL	①	Update	03.11.2022	Larsen			
0~1	±0.1	①	Drawn	08.08.2022	Segal			
1~10	±10%	②				A company of 		
T(z)	TOL	Id.	Modification	Date	Name			

Description:
Thermal foil, containing silicone,
Gray white

ASSMANN WSW-No.

VFSBBx-xxxxyyyzzz-xy

Drawing-No.

ASS 4992 HS

rev02

Customer-No.

SHEET
2 / 2

1

2

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