

Sound Proofing Materials

A & B Dimension Configurable

No.	Type	Effects	Material
(1)	BS2FS BS2F (No Adhesive)	Sound Absorption	Urethane Foam
(2)	BS4FS BS4F (No Adhesive)	Vibration Control, Sound Absorption	Urethane Foam (Surface: Urethane Coating)
(3)	BS140FS BS140F (No Adhesive)	Strong Vibration Control, Sound Absorption	Urethane Form
(4)	BSKYU	Strong Vibration Control, Sound Absorption	Urethane Foam + Vinyl Acetate
(5)	BSKYUA	Vibration Control	Urethane Foam + Vinyl Acetate + Aluminum
(6)	BSES BSESB (Band Type)	Strong Vibration Control	Vinyl Acetate
(7)	BSESA BSESAB (Band Type)	Vibration Control, Sound Insulation	Vinyl Acetate + Aluminum
(8)	BSYA	Vibration Control, Sound Absorption	Butyl Rubber (Surface: Polyethylene)
(9)	BSKYKAA	Vibration Control, Sound Absorption	Urethane Foam (Surface: Urethane Coating) + Vinyl Acetate
(10)	BSKYKAY	Vibration Control, Sound Absorption, Sound Proofing	Urethane Foam (Surface: Urethane Coating) + Butyl Rubber
(11)	BSKYKA	Sound Absorption	Urethane Foam (Surface: Urethane Coating)
(1)-(8)	A/B Selection Type		Adhesive Part Material: Acrylic Adhesive
(9)-(11)			

Type	T	A	B	Rec. Usage Temp. (°C)	Heat Res. Temp. (°C)	Min. Bend Radius (mm)	Surface Density (kg/m²)
(1) BS2FS (Adhesive) BS2F (No Adhesive)	10 20 30	A, B Standard	A, B Standard	0~30	70	—	0.75 ^a
(2) BS4FS (Adhesive) BS4F (No Adhesive)		100 400 800 *1000	100 200 300 400 *600 *700 *800	0~30	70	—	0.69 ^a
(3) BS140FS (Adhesive) BS140F (No Adhesive)	6.5 11.5 16.5 21.5 31.5	Band Type	Band Type	0~30	70	—	4.2 ^a
(4) BSKYU				0~30	200 ^{a1}	3.20 ^{a1}	
(5) BSKYUA	6.7 11.7 16.7 21.7 31.7			0~70	Affix on Flat Surface ^{a3}	3.74 ^{a2}	
(6) BSES BSESB (Band Type)	1.5			0~30	100	2.7	
(7) BSESA BSESAB (Band Type)	1.7			0~70	Affix on Flat Surface ^{a3}	3.24	
(8) BSYA	3 6 10			0~130	130	5 ^{a4}	12.00 ^{a4}
(9) BSKYKAA	31.5			0~30		3.45	
(10) BSKYKAY	16 26 36			0~70	Affix on Flat Surface ^{a3}	12.75 ^{a5}	
(11) BSKYKA	10 20 30 50			0~70		0.75 ^{a6}	

All are made of incombustible material.

Peel off backing paper to adhere it to an object.

Clean the mating surface free of oil and dust.

Can be cut with a utility knife. Cut with the adhesive side up.

Adhesive Strength (90° Peeling Strength): 19.6 N/25 mm

Width (When affixed to 304 Stainless Steel)

BSYA expands and contracts by 3% or less.

BSKYKA, BSKYKAA and BSKYKAY are covered with exterior skin so that they can be wiped clean and are highly durable.

*1. When T=21.5
*2. When T=21.7
*3. It can be bent, but the adhesive strength becomes weaker.
*4. When T=6
*5. When T=36
*6. When T=30

Sound Proofing Materials

A & B Dimension Configurable, continued

Part Number	Type	T	A	Available Types				
				100	200	300	400	500
(1) BS2FS (Adhesive) BS2F (No Adhesive)	10		100 400 800 1000	•	•	•	—	•
(2) BS4FS (Adhesive) BS4F (No Adhesive)	20		100 400 800 1000	•	•	•	•	•
Price Multiplier (No Adhesive x0.9)	30		100 400 800 1000	•	•	•	•	•
(3) BS140FS (Adhesive) BS140F (No Adhesive)	10		100 400 800 1000	•	•	•	—	—
Price Multiplier (No Adhesive x0.9)	20		100 400 800 1000	•	•	•	•	•
(5) BSKYUA	6.7		100 400 800 1000	•	•	•	•	•
(6) BSESA	11.7		100 400 800 1000	•	•	•	•	•
(7) BSYA	21.7		100 400 800 1000	•	•	•	•	•
(8) BSYA	31.7		100 400 800 1000	•	•	•	•	•
(10) BSKYKAY	1.7		100 400 800 1000	•	•	•	•	•
(11) BSKYKA	3		100 400 800 1000	•	•	•	•	•
	6		100 400 800 1000	•	•	•	•	•
	10		100 400 800 1000	•	•	•	•	•
	16		100 400 800 1000	•	•	•	•	•
	26		100 400 800 1000	•	•	•	•	•
	36		100 400 800 1000	•	•	•	•	•



Part Number Example

Part Number - A - B

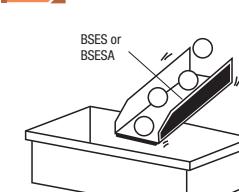
BSKYU16.5 - 100 - 200

BSESB1.5 - 20

Part Number	Type	T	A	Available Types				
				100	200	300	400	500
(4) BSKYU	6.5		100 400 800 1000	•	•	•	•	•
(5) BSKYUA	11.5		100 400 800 1000	•	•	•	•	•
(6) BSESA	16.5		100 400 800 1000	•	•	•	•	•
(7) BSYA	21.5		100 400 800 1000	•	•	•	•	•
(8) BSYA	31.5		100 400 800 1000	•	•	•	•	•
(10) BSKYKAY	1.5		100 400 800 1000	•	•	•	•	•
(11) BSKYKA	3		100 400 800 1000	•	•	•	•	•
	6		100 400 800 1000	•	•	•	•	•
	10		100 400 800 1000	•	•	•	•	•
	16		100 400 800 1000	•	•	•	•	•
	26		100 400 800 1000	•	•	•	•	•
	36		100 400 800 1000	•	•	•	•	•

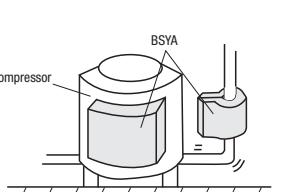


Application Example



– Vibration control is effective when used in narrow spaces or affixed on the back of vibrating trays.

– Can be used on the back of a vibrating case that comes in contact with moving parts.



– It can be attached on a curved surface.