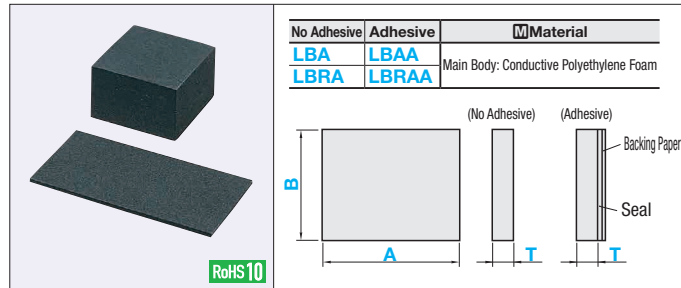


Antistatic Sponge Sheets

Polyethylene Foam, Polyurethane Rubber Sponge, Chloroprene Rubber Sponge



No Adhesive	Adhesive	Material
LBA	LBAA	Main Body: Conductive Polyethylene Foam
LBRA	LBRAA	

Accuracy Standards

Material	T Dimension Tolerance	Dimension Tolerance of A and B
LBA	T 3 5~15 20, 30 40	±0.1 (However, A and B dimension tolerance of T40 is ±0.5)
LBAA	±0.3 ±0.5 ±0.8 ±1.0	
LBRA	T 1 3 5, 10 20	
LBRAA	±0.2 ±0.3 ±0.5 ±0.8	
		±0.5 (However, A and B dimension tolerance of T20 is ±1.0)

Conductive Sponge Characteristics

- LBA(LBAA)
LBA has high conductivity using special conductive carbon black, and it is made up of uniform and tiny open cells. Carbon is completely compounded with polyethylene so that it neither crumble nor bonds, can be extensively used for wrapping materials of various IC products.
- LBRA(LBRAA)
LBRA is more flexible than LBA and suited for use as wrapping or cushioning material for products that require static protection. As its foaming agent is nitrogen gas, LBRA does not have any harmful effect on precision products by gas contamination.

*Seals are not conductive.

Part Number	10mm Increment		Selection T	
	A	B	LBA, LBAA	LBRA, LBRAA
No Adhesive LBA LBRA Adhesive LBAA LBRAA	20~800 (A500 or Less for the Adhesive Type)	20~500	3	1
			5	3
			10	5
			15	10
			20	20
			30	
			40	

⚠A≥B
⚠Only T20 or less for Adhesive Type.

Part Number	T	A	Unit Price				
			20~100	110~200	210~300	310~400	410~500
No Adhesive LBA	3	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	5	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	10	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
15	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		
20	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		
30	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		
40	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		

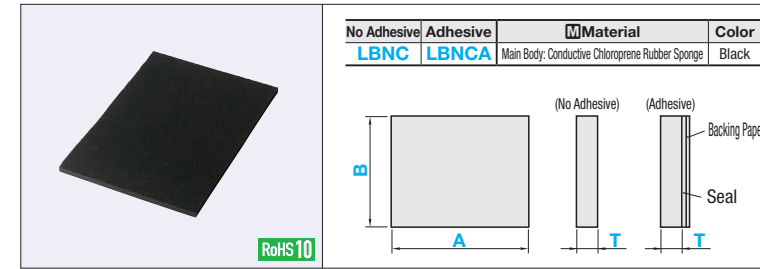
Part Number	T	A	Unit Price				
			20~100	110~200	210~300	310~400	410~500
No Adhesive LBRA	1	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	3	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	5	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
10	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		
20	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		

Adhesive Charge

A Dimension	Charge
20~100	
110~200	
210~300	
310~400	
410~500	

(Ex.) Part Number - A - B - T >> (Standard Type Unit Price) + (Adhesive Charge) = Adhesive Type Charge

⚠For the Adhesive Type prices, add A dim. corresponding additional charges on the left table to the Unit Price shown on the list above.



No Adhesive	Adhesive	Material	Color
LBNC	LBNCA	Main Body: Conductive Chloroprene Rubber Sponge	Black

Accuracy Standards

Material	T Dimension Tolerance	Dimension Tolerance of A and B
LBNC	T 3~5 10~20	A, B 200mm or Less 201~300 301~500
LBNCA	±0.5 ±1.5	±1.5 ±2.0 ±3.0

Conductive Sponge Characteristics

- LBNC(LBNCA)
Similar to chloroprene rubber sponge, this material has well-balanced properties such as oil resistance and weather resistance. It excels in general physical properties, and is suitable for a wide range of general industrial applications.
- *Seals are not conductive.

Part Number	10mm Increment		T
	A	B	Selection
Chloroprene Rubber Sponge			3
LBNC (No Adhesive)	20~500	20~500	5
LBNCA (Adhesive)			10
			15
			20

⚠A≥B

Part Number	T	A	Unit Price				
			B20~100	B110~200	B210~300	B310~400	B410~500
Chloroprene Rubber Sponge LBNC (No Adhesive) LBNCA (Adhesive)	3	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	5	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
	10	20~100	-	-	-	-	
		110~200	-	-	-	-	
		210~300	-	-	-	-	
		310~400	-	-	-	-	
		410~500	-	-	-	-	
15	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		
20	20~100	-	-	-	-		
	110~200	-	-	-	-		
	210~300	-	-	-	-		
	310~400	-	-	-	-		
	410~500	-	-	-	-		

Adhesive Charge

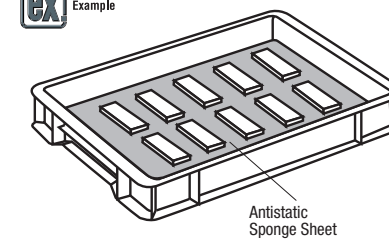
A Dimension	Charge
20~100	
110~200	
210~300	
310~400	
410~500	

⚠For the Adhesive Type prices, add A dim. corresponding additional charges on the left table to the Unit Price shown on the list above.

(Ex.) Part Number - A - B - T >> (Standard Type Unit Price) + (Adhesive Charge) = Adhesive Type Charge

Ordering Example: Part Number - A - B - T
LBNC - 200 - 100 - 5

Example



Physical Properties

Measurement Item	Testing Method	Unit	LBA(A)	LBRA(A)	LBNC(A)
Volume Resistivity	JIS K 6911	Ω·cm	10 ⁹ or less	10 ⁴ or less	10 ⁹ or less
Surface Resistivity	JIS K 6911	Ω	10 ⁹ or less	10 ⁹ or less	10 ⁹ or less
Density	JIS K 6767	g/cm ³	0.068	0.050	0.19
Hardness	SRIS 0101	Asker C	45	45	15
Tensile Strength	JIS K 6767	kg/cm ²	8.0	3.7	5.0
Elongation	JIS K 6767	%	63	66	150
Tear Strength	JIS K 6767	kg/cm	3.0	1.6	5.2
Compression Strength (25%)	JIS K 6767	kg/cm ²	2.0	0.8	0.8
Compression Strength (10%)	JIS K 9514	kg/cm ²	1.6	0.6	0.7
Compression Set (25%)	JIS K 6767	%	2.8	2.4	20
Dimension Change under Heat	JIS K 6767	%	-0.8	-0.6	-2.0

⚠The values given are for reference only and are not guaranteed.