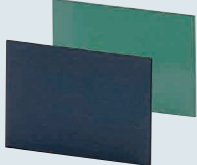


Antistatic Rubber Sheets

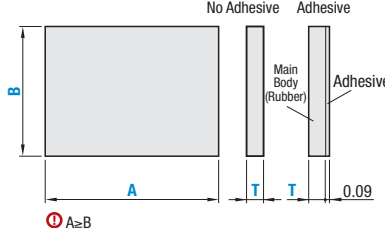
High Conductive Type

Antistatic Rubber Sheets



Type		Material	Color		Adhesive (Adhesive Type)
No Adhesive	Adhesive		Front	Back	
RDBBB	RDBBBT	Chloroprene Synthetic Rubber	Black		Conductive Adhesives
RBDGG	RBDGGT	Nitrile Synthetic Rubber	Green		
RBDGB	RBDGBT	Conductive NBR Nitrile Rubber	Green	Black	High Conductive Adhesives

Ⓢ Black side of RBDGBT is adhesive surface.




Ⓢ A=B

Standard Type Accuracy Standards

T Dimension Tolerance			Dimension Tolerance of A and B					
T	1	2	3	A, B 50-100	100-300	300-500	500-1000	1000~
	±0.2	±0.25	±0.3	±0.5	±1	±2.5	±5	±10

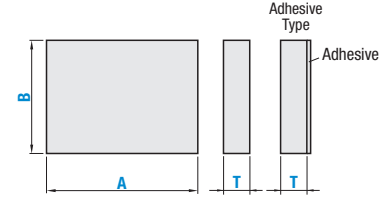
Grounding Plates

Antistatic Rubber Sheets – High Conductive Type



RoHS 10

RBDHB RBDHBT (Adhesive Type)



High Conductive Type Accuracy Standards

T Dimension Tolerance		Dimension Tolerance of A and B			
T	±0.3	200mm or Less	201-300	301-500	501-900
		±0.5	±1	±1.5	±2.5

High Conductive Type

Part Number	T	1mm Increment (A=B)	
Type	T	A	B
RBDHB	2	10-900	10-900
RBDHBT	2	10-900	10-900

Standard Type

Part Number	10mm Increment		T
	A	B	
RDBBB, RDBBBT	50-500	50-1000	1
			2
			3
RBDGG, RBDGGT			1
			2
RBDGB, RBDGBT			2

Ⓢ When Increment A is 50-500, Increment B is >500.

Properties

Item	Unit	RDBBB	RBDGG	RBDGB	RBDHB
Specific Gravity	—	1.35	1.32	1.34	1.35
Hardness	Shore A	70			65
Elongation	%	380	670	460	500
Tensile Strength	MPa	10.2	11.1	9.6	8.1
Tearing Strength	N/mm	30	34	36	—
Specific Volume Resistivity	Ω·cm	2.0 x 10 ⁵	6.86 x 10 ⁸	1.73 x 10 ⁸	100

Ⓢ Testing Method: JIS K 6301

Ⓢ The above values are not guaranteed values but an example of measured values.

Part Number	T	A (10mm Increment)	Available Types B(10mm Increment)	
			50-500	510-1000
RDBBB (No Adhesive)	2	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
RDBBBT (Adhesive)	3	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•

Standard Type

Part Number Example: **RDBBB - 2000 - 1000 - 2**

Conductive Adhesive Data

Item	Unit	Conductive Adhesive		High Conductive Adhesive	
		RDBBBT, RBDGGT, RBDGBT	RBDHBT	RBDHBT	RBDHBT
Thickness	mm	0.09 (Aluminum Base Material: 0.03)		0.03	
*Adhesive Strength	gf/20 mm	Stainless	1150	Stainless Steel	700
		ABS Resin	1350		
		PP	1200		
Retaining Force	H (70°C 1Kg)	24<		—	
Resistance	Ω	10 ²		0.05	

*180° Peel Adhesive Strength 23°C x 1H (gf/20 mm)

Ⓢ The above values are not guaranteed values but an example of measured values.

Part Number	T	A (10mm Increment)	Available Types B(10mm Increment)	
			50-500	510-1000
RBDGG (No Adhesive)	1	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
RBDGGT (Adhesive)	2	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
RBDGB (No Adhesive)	1	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
RBDGBT (Adhesive)	2	50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•
		2510-3000	•	•
		3010-3500	•	•
		3510-4000	•	•
		4010-4500	•	•
		4510-5000	•	•
		50-500	•	—
		510-1000	•	—
		1010-1500	•	•
		1510-2000	•	•
		2010-2500	•	•


Features

- Highly electroconductive rubber sheet made from conductive rubber with specific volume resistivity value of 10²Ω·cm.
- Suitable for use on electronic components and resin components assembly tables.

High Conductive Type

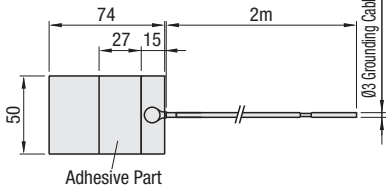
Part Number	T	A (1mm Increment)	Available Types B(1mm Increment)								
			10-100	101-200	201-300	301-400	401-500	501-600	601-700	701-800	801-900
RBDHB (No Adhesive)	2	10-100	•	—	—	—	—	—	—	—	—
		101-200	•	•	—	—	—	—	—	—	—
		201-300	•	•	•	—	—	—	—	—	—
		301-400	•	•	•	•	—	—	—	—	—
		401-500	•	•	•	•	•	—	—	—	—
		501-600	•	•	•	•	•	•	—	—	—
		601-700	•	•	•	•	•	•	•	—	—
		701-800	•	•	•	•	•	•	•	•	—
		801-900	•	•	•	•	•	•	•	•	•
		RBDHBT (Adhesive)	2	10-100	•	—	—	—	—	—	—
101-200	•			•	—	—	—	—	—	—	
201-300	•			•	•	—	—	—	—	—	
301-400	•			•	•	•	—	—	—	—	
401-500	•			•	•	•	•	—	—	—	
501-600	•			•	•	•	•	•	—	—	
601-700	•			•	•	•	•	•	•	—	
701-800	•			•	•	•	•	•	•	•	
801-900	•			•	•	•	•	•	•	•	

Grounding Plates



RoHS 10

RBDE



Material: Board: 304 Stainless Steel
Wire: Copper Wire
Adhesive Part: Conductive Adhesives

Part Number Example: **RBDE**

High Conductive Type

Part Number - A - B
RBDHB2 - 200 - 100

Application Example

- Sandwich the stainless steel grounding plate between an anti-static rubber mat and the work bench.
- Secure ground connection by connecting the tip of the grounding cable to the grounding terminal etc.

