

Antistatic Rubber Sheets / Grounding Plates

Economy

Select from the various types including economy/rolled type of Antistatic Rubber Sheets depending on the intended use.
Economy Type has grain-finished surface, which reduces reflections from light. Suitable for use on electronic components and plastic components assembly tables.

Sheet Type

Black side is adhesive surface.

Sheet Type

Type		Material	Color		Adhesive (Adhesive Type)
No Adhesive	Adhesive		Front	Back	
RBDLG	RBDLGT	Conductive NBR	Green	Black	Conductive Adhesives
RBDLGR					

Sheet Type

Part Number	T	10mm Increment (A=B)	
		A	B
RBDLG, RBDLGT	2	50~1000	50~1000

Rolled Type

Part Number	T	Selection	
		A (cm)	B (cm)
RBDLGR	2	100	
		200	50
		300	100
		500	
		1000	

Rolled Type is available in 1cm increment.

Properties

Item	Unit	Value
Specific Gravity	-	1.21
Hardness	Shore A	76
Elongation	%	680
Tensile Strength	kg/cm ²	160
Tearing Strength	kg/cm	42
Specific Volume Resistivity	Ω · cm	10 ⁵⁻⁷
Flash Point	°C	246
Spontaneous Ignition Temperature	°C	396

Values are measured on surface.
The above values are not guaranteed values but an example of measured values.

Sheet Type

Part Number	T	A (A≥B) (10mm Increment)	Unit Price			
			B (10mm Increment)			
			50~300	310~500	510~800	810~1000
RBDLG (No Adhesive)	2	50~300	-	-	-	-
		310~500	-	-	-	
		510~800	-	-	-	
		810~1000	-	-	-	
RBDLGT (Adhesive)	2	50~300	-	-	-	
		310~500	-	-	-	
		510~800	-	-	-	
		810~1000	-	-	-	

Ordering Example

Sheet Type
Part Number - A - B
RBDLG2 - 200 - 100

Rolled Type
Part Number - A - B
RBDLGR2 - 100 - 50

Conductive Adhesive Data

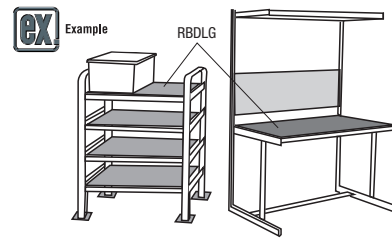
Item	Unit	Conductive Adhesives	
Thickness	mm	0.03	
* Adhesive Strength	gf/20mm	SUS	700
Resistance	Ω	0.05	

* 180° Peel Adhesive Strength 23° Cx1H (gf/20mm)
The above values are not guaranteed values but an example of measured values.

Rolled Type

Part Number	T	A (cm)	Unit Price	
			B (cm)	
			50	100
RBDLGR (No Adhesive)	2	100		
		200		
		300		
		500		
		1000		

Applicable only to the No Adhesive Type.
B dimension is effective dimension for roll size and half-cut size.
Rolled Type is available in 1cm increment.



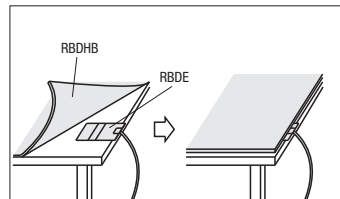
Grounding Plates

Material Board : SUS304, Wire : Copper, Adhesive : Conductive Adhesives

Part Number	Unit Price	Volume Discount Rate
RBDE	1 ~ 9 pc(s).	10~30 pcs.

For orders larger than indicated quantity, please check with WOS.

Ordering Example
Part Number
RBDE



Antistatic Rubber Sheets

Standard Type / High Conductive Type

Antistatic Rubber Sheets - Standard Type

Black side of RBDGBT is adhesive surface.

Antistatic Rubber Sheets - High Conductive Type

Black side of RBDHBT is adhesive surface.

Standard Type

Part Number	10mm Increment		Selection
	A	B	
RBDDB, RBDDBT	50~5000	50~1000	1
RBDGG, RBDGGT			2
RBDGB, RBDGBT			2

High Conductive Type

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

Standard Type Accuracy Standards

T Dimension Tolerance: ±0.2, ±0.25, ±0.3

Dimension Tolerance of A and B: ±0.5, ±1, ±2.5, ±5, ±10

High Conductive Type Accuracy Standards

T Dimension Tolerance: ±0.3, ±0.5, ±1, ±1.5, ±2.5

Dimension Tolerance of A and B: ±0.5, ±1, ±2.5, ±5, ±10

Properties

Item	Unit	RBDDB	RBDGG	RBDGB	RBDHB
Specific Gravity	-	1.35	1.32	1.34	1.35
Hardness	Shore A	70	70	65	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	2.0x10 ⁵	6.86x10 ⁶	1.73x10 ⁶	100

Testing Method: JIS K 6301
The above values are not guaranteed values but an example of measured values.

Conductive Adhesive Data

Item	Unit	Conductive Adhesive RBDDBT, RBDGGT, RBDGBT		High Conductive Adhesive RBDHBT
Thickness	mm	0.09 (Aluminum Base Material: 0.03)		0.03
* Adhesive Strength	gf/20mm	SUS	1150	SUS
		ABS	1350	700
		PP	1200	
Retaining Force	H (70°C 1kg)	24<		-
Resistance	Ω	10 ⁵		0.05

* 180° Peel Adhesive Strength 23° Cx1H(gf/20mm)
The above values are not guaranteed values but an example of measured values.

Standard Type

Part Number	T	A (10mm Increment)	Unit Price	
			B(10mm Increment)	
			50~500	510~1000
RBDDB (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		
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				
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				
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				
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				
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				

Standard Type

Part Number	T	A (10mm Increment)	Unit Price	
			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		
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				
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				
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				
50~500				
510~1000				
1010~1500				
1510~2000				
2010~2500				
2510~3000				
3010~3500				
3510~4000				
4010~4500				
4510~5000				

High Conductive Type

Part Number	T	A (1mm Increment)	Unit Price								
			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									
		10~100									
		101~200									
		201~300									
		301~400									
		401~500									
		501~600									
601~700											
701~800											
801~900											

Ordering Example

Standard Type
Part Number - A - B - T
RBDDB - 2000 - 1000 - 2

High Conductive Type
Part Number - A - B
RBDHB2 - 200 - 100