

Antistatic Rubber Sheets / Grounding Plates

Economy Type

■ Economy Type has grain-finished surface, which reduces reflections from light. Suitable for use on electronic components and plastic components assembly tables.

Sheet Type

Rolled Type

Type				Material	Color	Adhesive (Adhesive Type)
No Adhesive	Adhesive	Rolled Type				
RBDLG	RBDLGT	RBDLGR		Conductive NBR Nitrile Rubber	Green/Black	Conductive Adhesives

Ⓜ Black side is adhesive surface.

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

Rolled Type			
Part Number Type	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 ⁹⁻⁷
Flash Point	°C	246
Spontaneous Ignition Temperature	°C	396

Conductive Adhesive Data

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

* 180° Peel Adhesive Strength 23°Cx1H (gf/20mm)

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				

Rolled Type

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

Ordering Example

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

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

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Example

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

Grounding Plates RoHS RBDE

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

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.

Ordering Example

Part Number: RBDE

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Antistatic Rubber Sheets

Standard Type / High Conductive Type

Antistatic Rubber Sheets - Standard RoHS

Antistatic Rubber Sheets High Conductive Type RoHS

Type				Material	Color	Adhesive (Adhesive Type)
No Adhesive	Adhesive					
RBDDB	RBDDBT			Chloroprene Synthetic Rubber	Black	Conductive Adhesives
RBDGG	RBDGGT			Nitrile Synthetic Rubber	Green	Conductive Adhesives
RBDGB	RBDGBT			Conductive NBR Nitrile Rubber	Black	High Conductive Adhesives
RBDHB	RBDHBT					

Ⓜ Black side of RBDGBT is adhesive surface.

Standard Type			
Part Number	T	10mm Increment	
		A	B
RBDDB, RBDDBT		50~5000	50~1000
RBDGG, RBDGGT			
RBDGB, RBDGBT			

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

High Conductive Type Accuracy Standards

T	Dimension Tolerance		Dimension Tolerance of A and B			
	1	2	200mm or Less	201~300	301~500	501~900
±0.3	±0.5	±1	±1.5	±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 ⁸	1.73x10 ⁸	100

Ⓜ Testing Method: JIS K 6301

Standard Type

Part Number	T	A (10mm Increment)	Unit Price B (10mm Increment)	
			50~500	510~1000
RBDDB (No Adhesive)	1	50~500		
		510~1000		
		1010~1500		
		1510~2000		
		2010~2500		
		2510~3000		
	2	3010~3500		
		3510~4000		
		4010~4500		
		4510~5000		
		50~500		
		510~1000		
3	1010~1500			
	1510~2000			
	2010~2500			
	2510~3000			
	3010~3500			
	3510~4000			
RBDDBT (Adhesive)	1	50~500		
		510~1000		
		1010~1500		
	2	50~500		
		510~1000		
		1010~1500		
3	50~500			
	510~1000			
	1010~1500			

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													
		RBDHBT (Adhesive)	2	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

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