

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

Black side is adhesive surface.

A ≥ B

**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	50
		200	100
		300	100
		500	100
		1000	100

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 <sup>2</sup>	160
Tearing Strength	kg/cm	42
Specific Volume Resistivity	Ω·cm	10 <sup>8-7</sup>
Flash Point	°C	246
Spontaneous Ignition Temperature	°C	396

Values are measured on surface.  
The above values are not guaranteed values but reference values.

**Conductive Adhesive Data**

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

\* 180° Peel Adhesive Strength 23°Cx1H (gf/20mm)  
The above values are not guaranteed values but reference 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	-	-	-	-

**Rolled Type**

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

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

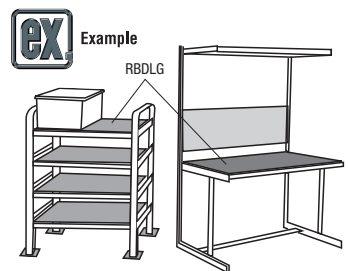
**Ordering Example**

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

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

**Days to Ship**

[Configure Online](#)



**Price** [Configure Online](#)

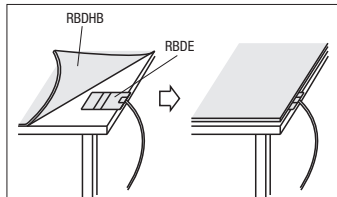
**Grounding Plates** RoHS10 **RBDE**

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

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**

**Days to Ship** [Configure Online](#)

# Antistatic Rubber Sheets

## Standard Type / High Conductive Type

**Antistatic Rubber Sheets - Standard** RoHS10

**Antistatic Rubber Sheets High Conductive Type** RoHS10

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

Black side of RBDGBT is adhesive surface.

A ≥ B

**Standard Type**

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

**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  
Dimension Tolerance of A and B: ±0.5, ±1, ±1.5, ±2.5

**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 <sup>5</sup>	6.86x10 <sup>8</sup>	1.73x10 <sup>8</sup>	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	Stainless Steel 1150 ABS Resin 1350	Stainless Steel 700
Retaining Force Resistance	H (70°C 1kg)	PP 1200	24< 10 <sup>2</sup>

\* 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)	1	50~500	-	-		
		510~1000	-	-		
		1010~1500	-	-		
		1510~2000	-	-		
		2010~2500	-	-		
		2510~3000	-	-		
		3010~3500	-	-		
		3510~4000	-	-		
		4010~4500	-	-		
		4510~5000	-	-		
		RBDDB (No Adhesive)	2	50~500	-	-
				510~1000	-	-
				1010~1500	-	-
				1510~2000	-	-
				2010~2500	-	-
2510~3000	-			-		
3010~3500	-			-		
3510~4000	-			-		
4010~4500	-			-		
4510~5000	-			-		
RBDDB (No Adhesive)	3			50~500	-	-
				510~1000	-	-
				1010~1500	-	-
				1510~2000	-	-
				2010~2500	-	-
		2510~3000	-	-		
		3010~3500	-	-		
		3510~4000	-	-		
		4010~4500	-	-		
		4510~5000	-	-		
		RBDDBT (Adhesive)	1	50~500	-	-
				510~1000	-	-
				510~1000	-	-
		RBDDBT (Adhesive)	2	50~500	-	-
				510~1000	-	-
510~1000	-			-		
RBDDBT (Adhesive)	3	50~500	-	-		
		510~1000	-	-		
		510~1000	-	-		

**Standard Type**

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

**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

**Days to Ship** [Configure Online](#)

**Price** [Configure Online](#)