


# Ethylene, Butyl & Amber Color Rubber Sheets

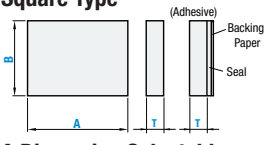
Ethylene rubber excels in alkali, ketone and ozone resistance, especially in weather resistance.  
 Butyl Rubber excels in weather, chemical and gas permeability resistance. Inferior in oil and flame resistance.  
 Amber Color Rubber excels in mechanical strength and abrasion resistance. Its elasticity and tensility help to fit well with work shapes. Can be used as a floor plate in a place requiring air tightness.



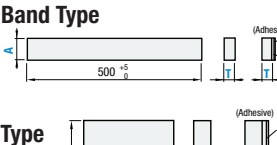
**Ethylene, Butyl & Amber Color Rubber Sheets**

RoHS10

### A Dimension Selectable – Square Type



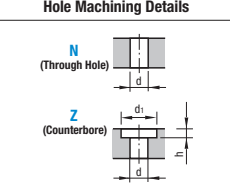
### A Dimension Selectable – Band Type



A Dimension Selectable Type		A / B Configurable Type		Material	Hardness	Color
No Adhesive	Adhesive	No Adhesive	Adhesive			
RBPM	RBPMA	RBPMF	RBPMFA	Ethylene Rubber (EPDM Synthetic Rubber)	Shore A65	Black
RBEW	RBEWA	RBEWF	RBEWFA			White
RBRM	RBRMA	RBRMF	RBRMFA	Butyl Rubber (IIR)	Shore A65	Black
RBWM	RBWMA	RBWMF	RBWMFA			White
AMSE	AMSEA	AMSET	AMSETA	Amber Color Rubber	Shore A45	Amber Color

Ⓢ Adhesive thickness is 0.14–0.2 mm.  
 Ⓢ Temperature limit for seals is 80°C.  
 Ⓢ For Adhesive Strength Data, see P.2657 (ADTR).

#### Hole Machining Details

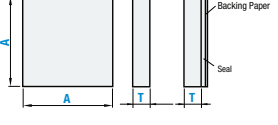


Screw Nominal	3	4	5	6	8	10
d	3.5	4.5	5.5	6.5	9	12
d1	6.5	8	9.5	11	14	17.5
h	3.5	4.5	5.5	6.5	9	11

#### Accuracy Standards

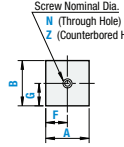
Tolerance	Tolerance	A / B Tolerance	Tolerance
0.5	±0.2	200 or Less	±0.5
1–3	±0.3	201–300	±1.0
5	±0.4	301–500	±1.5
10	±0.6		
15–30	-0.5→+2.0		

#### A / B Configurable – Standard Type

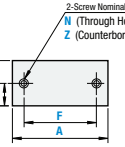


#### A / B Configurable – Hole Type

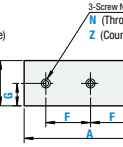
1 Hole 1H



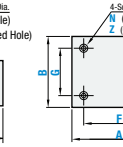
2 Hole 2H



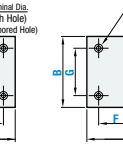
3 Hole 3H



4 Hole 4H



6 Hole 6H



#### A Dimension Selectable – Square Type

Part Number	A Selection
No Adhesive RBPM	300
Adhesive RBPMA	
No Adhesive RBEW*	
Adhesive RBEWA*	
No Adhesive RBRM	
Adhesive RBRMA	
No Adhesive RBWM	
Adhesive RBWMA	
No Adhesive AMSE	
Adhesive AMSEA	

#### A Dimension Selectable – Band Type

Part Number	A Selection
No Adhesive RBPM	300
Adhesive RBPMA	
No Adhesive RBEW*	
Adhesive RBEWA*	
No Adhesive RBRM	
Adhesive RBRMA	
No Adhesive RBWM	
Adhesive RBWMA	
No Adhesive AMSE	
Adhesive AMSEA	

#### A, B Configurable – Standard Type

Part Number	1 mm Increment
No Adhesive RBPMF	10–500
Adhesive RBPMA	
No Adhesive RBEWF*	
Adhesive RBEWFA*	
No Adhesive RBRMF	
Adhesive RBRMFA	
No Adhesive RBWMF	
Adhesive RBWMFA	
No Adhesive AMSET	
Adhesive AMSETA	

Ⓢ Only \* marked T dimensions are available for RBEW and RBEWA.  
 Ⓢ T15 is not selectable for Butyl Rubber White, T30 is not selectable for Amber Color Rubber.  
 Ⓢ L dimension is 500 mm.  
 Ⓢ Only \* marked T dimensions are available for RBEW and RBEWA.  
 Ⓢ A≥B≥T  
 Ⓢ Only \* marked T dimensions are available for RBEWF and RBEWFA.  
 Ⓢ T15 is not selectable for Butyl Rubber White, T30 is not selectable for Amber Color Rubber.

#### A, B Configurable – Hole Type

Part Number	1 mm Increment (A≥B≥T)		0.5 mm Increment		Bolt Nominal Diameter		
	Type	Nominal	A	B	F	G	
No Adhesive RBPMF RBEWF RBRMF RBWMF AMSET	Adhesive RBPMA RBEWA RBRMA RBWMA AMSETA	1H	25–500	25–500	5–495 1H Type	5–495 1H, 2H, 3H Type	3 4 5 6 8 10
		2H					
		3H					
		4H					
		6H					
		10					
		15					
		20					
		30					

Ⓢ Dimension F Specification Range: For 1H:  $d(d_1)/2+2.5 \leq F \leq A-d(d_1)/2-2.5$ , For 2H, 4H:  $d(d_1)+5 \leq F \leq A-d(d_1)-5$ , For 3H, 6H:  $d(d_1)+5 \leq F \leq A/2-d(d_1)/2-2.5$ .  
 Ⓢ Dimension G Specification Range: For 1H, 2H, 3H:  $d(d_1)/2+2.5 \leq G \leq B-d(d_1)/2-2.5$ , For 4H, 6H:  $d(d_1)+5 \leq G \leq B-d(d_1)-5$ . (d for through holes, d, for counterbore.)  
 Ⓢ For RBEWF and RBEWFA, T≤3.  
 Ⓢ A≥B≥T  
 Ⓢ T15 is not selectable for Butyl Rubber White, T30 is not selectable for Amber Color Rubber.

#### Square Type, Band Type

Part Number Example: **RBPM5 - 300**

#### A, B Configurable – Standard / Hole Type

Part Number Example: **RBPMF10 - 110 - 65**  
**RBPMF4H20 - 200 - 150 - F140 - G100 - Z5**

# Ethylene, Butyl & Amber Color Rubber Sheets

continued

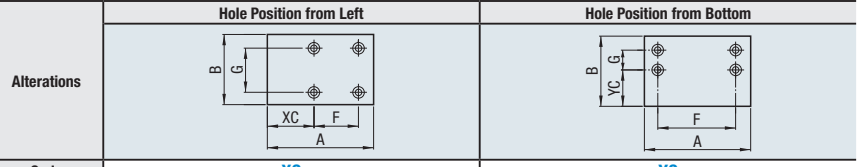
## A, B Configurable – Standard / Hole Type

Part Number	A	Available Types					
		B					
Type	T	10–100	101–200	201–300	301–400	401–500	
No Adhesive RBPMF RBEWF* RBRMF RBWMF AMSET	*1	10–100	•	—	—	—	—
		101–200	•	•	—	—	—
		201–300	•	•	•	—	—
		301–400	•	•	•	•	—
		401–500	•	•	•	•	•
No Adhesive RBPMF RBEWF* RBRMF RBWMF AMSET	*2	10–100	•	—	—	—	—
		101–200	•	•	—	—	—
		201–300	•	•	•	—	—
		301–400	•	•	•	•	—
		401–500	•	•	•	•	•
Adhesive RBPMFA RBEWFA* RBRMFA RBWMFA AMSETA	*3	10–100	•	—	—	—	—
		101–200	•	•	—	—	—
		201–300	•	•	•	—	—
		301–400	•	•	•	•	—
		401–500	•	•	•	•	•
Adhesive RBPMFA RBEWFA* RBRMFA RBWMFA AMSETA	*4	10–100	•	—	—	—	—
		101–200	•	•	—	—	—
		201–300	•	•	•	—	—
		301–400	•	•	•	•	—
		401–500	•	•	•	•	•
Adhesive RBPMFA RBEWFA* RBRMFA RBWMFA AMSETA	*5	10–100	•	—	—	—	—
		101–200	•	•	—	—	—
		201–300	•	•	•	—	—
		301–400	•	•	•	•	—
		401–500	•	•	•	•	•

Ⓢ T15 is not selectable for Butyl Rubber White, T30 is not selectable for Amber Color Rubber.  
 Ⓢ Only \* marked T dimensions are available for RBEWF and RBEWFA.  
 Ⓢ \*Yellowing of white rubber: Please note upon application that aging in color is more distinct compared to black rubber.

#### Part Number Alterations

Part Number Alterations: **RBPMF4H5 - 100 - 80 - F65 - G40 - N4 - YC30**



#### Spec. XC

XC=1 mm Increment  
 Ⓢ 5≤XC≤486  
 (286 for non-staining chloroprene rubber with T15 or larger)  
 Ⓢ (2H, 4H Type)  
 $d(d_1)/2+2.5 \leq XC \leq A-F-d(d_1)/2-2.5$   
 Ⓢ (3H, 6H Type)  
 $d(d_1)/2+2.5 \leq XC \leq A-2F-d(d_1)/2-2.5$

#### Spec. YC

YC=1 mm Increment  
 Ⓢ 5≤YC≤486  
 (286 for non-staining chloroprene rubber with T15 or larger)  
 Ⓢ  $d(d_1)/2+2.5 \leq YC \leq B-G-d(d_1)/2-2.5$

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