

# EZ-SLIDE

## VARIATION

- Improvement tool for the section of production
- Logistics
- Warehouse

☑ Material: POM(Poly acetal resin)

☑ Heat resistance : 70°C

☑ Cold resistance : -30

⚠ Under the direct sunlight and hot temperature cabin, this product will transform its material characteristic.



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# EZ-SLIDE

## What is a EZ-SLIDE?

- Reversible! The resin board applied to wide area and long distance.

## Notes

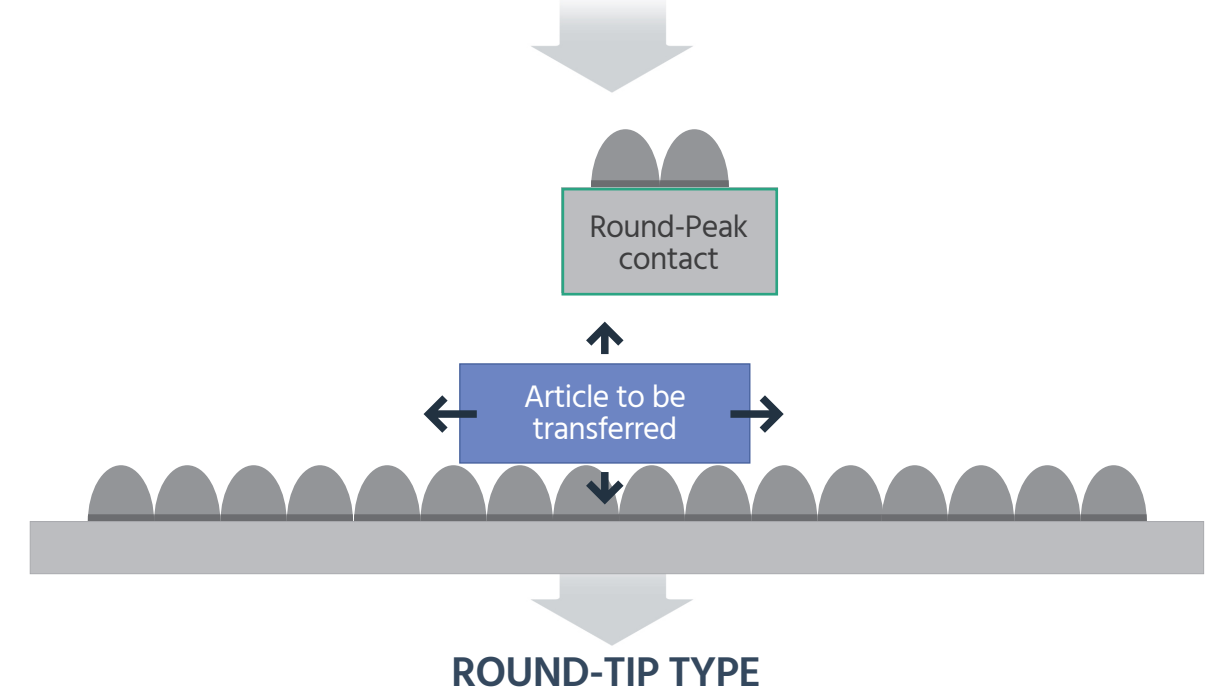
- For an accurate dimension of the product, please contact us. Tolerances of standard dimension is  $\pm 2\%$ , and  $\pm 5\%$  for the thickness and electric conduction.
- Products would be improved without announce .

## Part Number

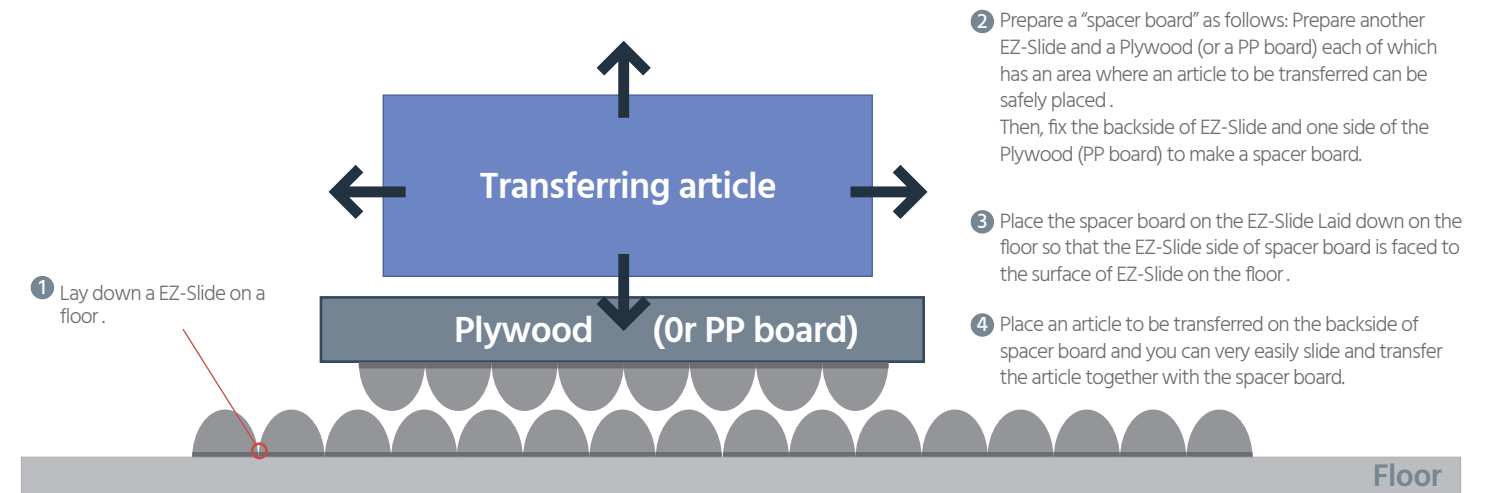
- Part number indicates the given size Width, Length , Height in order. (Omit decimal point)
- The two figures at the end indicates thickness. 『38』means 3.8mm, 37 means 3.7mm.



- Capable of vertical sliding.
- Capable of rotating and turning
- Suitable for heavy articles.



## Special Application : Slider-on Slider-on-Slider Method



- Lay down a EZ-Slide on a floor .
- Prepare a "spacer board" as follows: Prepare another EZ-Slide and a Plywood (or a PP board) each of which has an area where an article to be transferred can be safely placed . Then, fix the backside of EZ-Slide and one side of the Plywood (PP board) to make a spacer board.
- Place the spacer board on the EZ-Slide Laid down on the floor so that the EZ-Slide side of spacer board is faced to the surface of EZ-Slide on the floor .
- Place an article to be transferred on the backside of spacer board and you can very easily slide and transfer the article together with the spacer board.

Because the slippery EZ-Slide surface of the spacer board is faced to the slippery surface of EZ-Slide laid down on the floor, the frictional force between both surfaces becomes very small so that the article placed on the spacer can be very smoothly slide on the surface of EZ-Slide laid down on the floor ! Please try this method for transferring very heavy articles.



RESULTS

- ✓ Moved smoothly with 12% of its weight, without objects falling over.

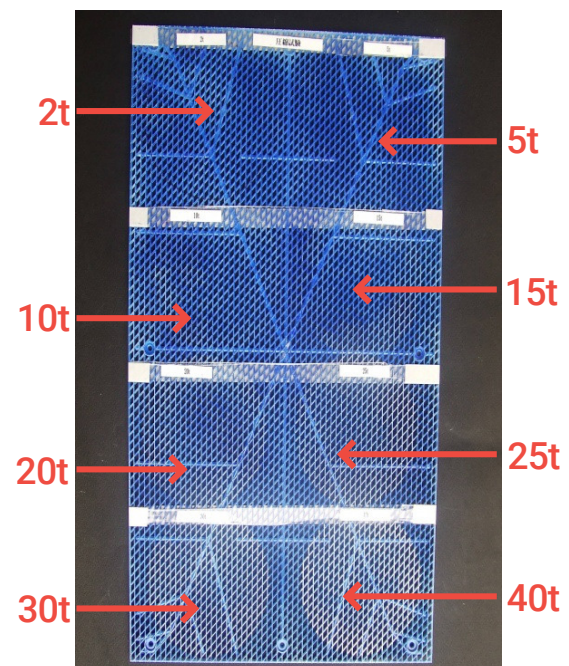
Test on Weight Resistance

TEST METHOD

Apply pressure on EZ-Slide with press machine.

RESULTS

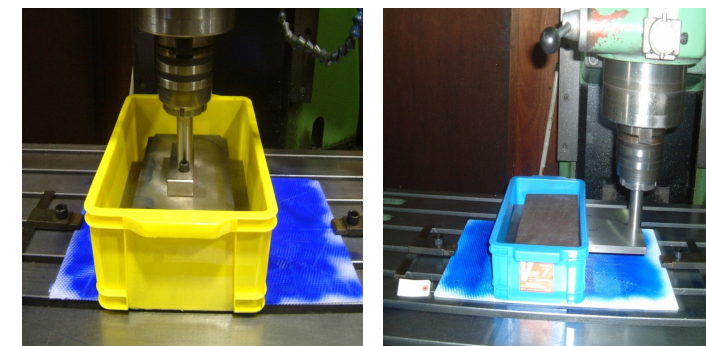
- ✓ No distortion was found visually on the surfaces for the pressures of 15 tons or less. For pressures over 15 tons, the board surfaces were visibly distorted in proportion with the increased pressures but the maximum amount of distortion for 40 tons was only about 0.4 mm.



Abrasion Test using Machine Tool

TEST

Abrasion test was performed with the weight in container. Sliding mechanism pushed and pull the container back and force on test piece.



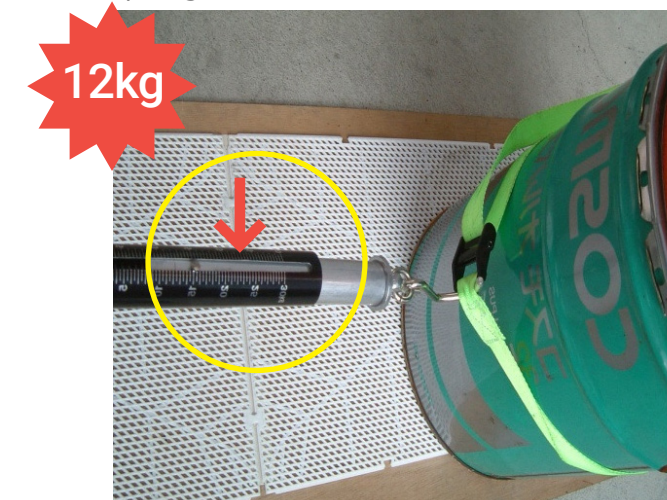
RESULTS

- ✓ 60,000 times of Sliding at 20 kg : Still usable
- ↓
- ✓ Equivalent to about 120,000 times with double - faced use !
- ✓ 25,000 times of Sliding at 30 kg : Still usable
- ↓
- ✓ Equivalent to about 50,000 times with double-faced use !

Measurement of Frictional Force using Spring

TEST METHOD

- Laid down the EZ-Slide on a floor and fixed it with double sided tape. → See A and B below.
- Stacked 5 steel bucket.
- Pulled the stacked buckets with a spring scale.












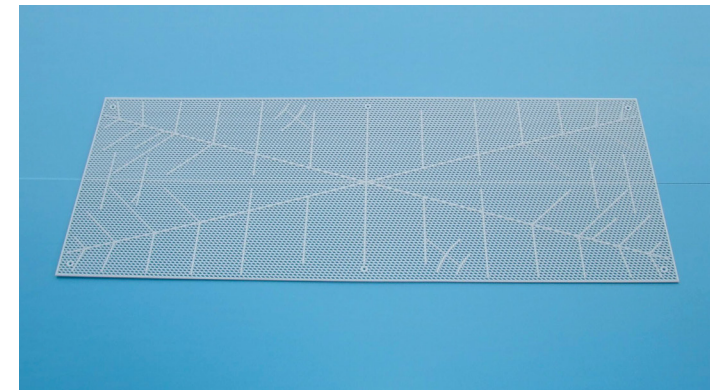


## MATERIAL

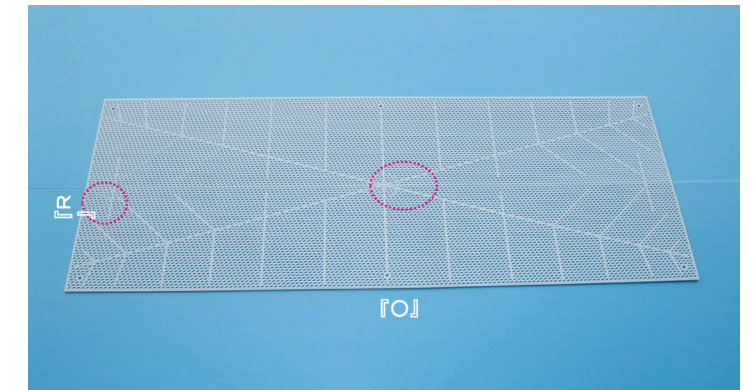
**Polyacetal** | Type of crystalloid engineering plastic used in precision parts requiring high stiffness, low friction and excellent dimensional stability.

## KEY FUNCTIONS AND FACTORS

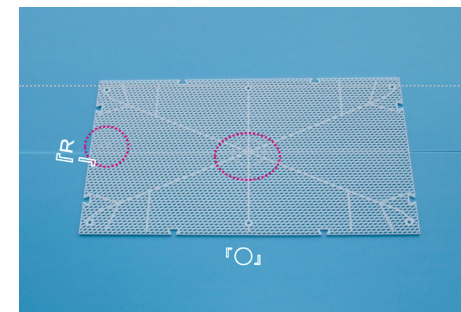
- 
**Non-stop sliding.**  
 Conventional Roller Boards runs into problems when particles (such as dust) gets in between the gaps of the rollers or axes. On the other hand, you do not have to worry about these problems with Sliderstocks.
- 
**Excellent air circulation.**  
 Meshed holes within the boards.
- 
**Saves energy & reduces cost of operation.**
- 
**Light, efficient and easy to install**
- 
**Can be used for various objects.**
- 
**Only 3.8mm thick!**  
 Thickness per showcase on average is reduced from 63mm to 26.6mm.
- 
**Only 420g / board.**  
 On average, weight per showcase is reduced from 18 kg to 6kg.
- 
**Durable.**  
 According to Ashikaga Institute of Technology, the board passed the sliding of 100,000 times with double-faced in use.
- 
**Recyclable.**



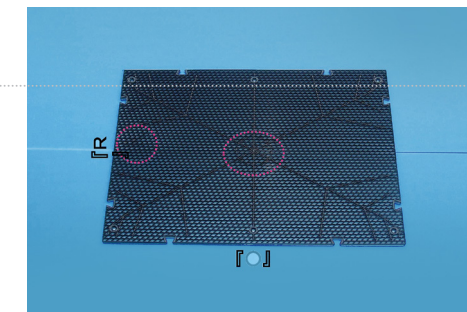
Products' number	400100038
Given size	400×1000×3.8mm
Amount in a carton	10 sheets
Carton size	1040 × 435 × 57mm
Carton weight	Approximately 10 kg



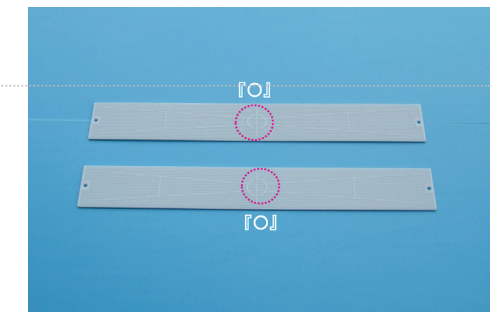
Products' number	400100038 R
Given size	400×1000×3.8mm
Amount in a carton	10 sheets
Carton size	1040 x 435 x 57mm
Carton weight	Approximately 10kg



Products' number	30050038 R C U
Given size	300×500×3.8mm
Amount in a carton	40 sheets
Carton size	517 x 317 x 192mm
Carton weight	Approximately 13 kg



Products' number	30040038 RCU ESD
Given size	300×400×3.8mm
Amount in a carton	40 sheets
Carton size	417 x 317 x 192mm
Carton weight	Approximately 13 kg



Products' number	7050034 R
Given size	70 × 500 × 3.4mm
Amount in a carton	100 sheets
Carton size	515 x 200 x 185mm
Carton weight	Approximately 12 kg