

Brief Instruction

Sticky Mat



A How to use sticky mat

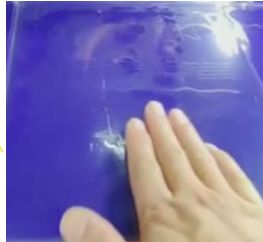


Plastic sheet on both sides

*Before use

- ① There is a plastic sheet on both sides. First remove one side of the plastic sheet, install the sticky mat in contact with the clean platform.
- ② Remove the upper surface plastic sheet, install flasks on sticky mat by pressing them into place.

Note: Please keep the removed plastic sheet properly.



Stick the upper surface plastic sheet back on the adhesive matting

*After the culture is completed or UV sterilization begins

- ① To remove flask: Push or pull neck gently.
- ② Please stick the upper surface plastic sheet back on the adhesive matting to protect from dust and extend the service life.

Note: Direct UV rays will affect the stickiness of the sticky mat.

B How to operate



Tip 1: Always use protective goggles and gloves while handling glassware.

Tip 2: For containers with a wide, flat base only. Large Erlenmeyer flasks will stick stronger than small ones, from 250ml to 3000ml is better.

Tip 3: Before putting on containers: Check that bottom and adhesive matting is dry and clean. Check flasks for any damages, never use damaged flasks!

Tip 4: Tug gently to ensure each flask is stuck.

Tip 5: It is possible to apply the sticky mat also to universal trays with drilled holes.

Tip 6: DO NOT use the sticky mat in water bath shakers.

Tip 7: Excessive force should not be used when removing flasks from the sticky mat. This may result in material damage.

Tip 8: Sticky mat is a consumable that typically needs to be replaced every 2 to 5 years. If aggressive chemicals are used frequently for cleaning or disinfection, it is recommended to replace the material every 2 years.

Tip 9: At high speeds, the sticky mat is not as safe as flask clamps. It is recommended to use a speed less than 200 rpm, not recommended to exceed 250rpm.

C How to clean

Tip 1: Protect from UV light (UV exposure will effect service life). If turn on the UV lamp, please stick the upper surface plastic sheet back on the adhesive matting.

Tip 2: Clean if tack diminishes: rinse thoroughly with clean water, then dry naturally. The full adhesion strength will return after the sticky mat is completely dry.

Tip 3: DO NOT use solvents/detergents/cleaning agents.

Tip 4: DO NOT use cloth or paper towels to wipe.

Tip 5: DO NOT disinfect or clean with items such as alcohol.

Tip 6: It is possible to directly disassemble the shaker tray with the sticky mat, and cleaned thoroughly with clean water.

D Technical data

Art.No.	Z-SM153176	Z-SM2219	Z-SM2323	Z-SM225255
Dimensions	15.3cm×17.6cm	22cm×19cm	23cm×23cm	22.5cm×25.5cm
Temperature range	<40°C, temperatures above 40°C will reduce the stickiness of the pad			
	>18°C, temperatures below 18°C will reduce the stickiness of the pad, and below 10°C will cause frost on the adhesive surface, reducing the stickiness.			
Maximum speed	<200 rpm, not recommended to exceed 250rpm			
Relative humidity	<85%RH			
Anti Microbial	Mildew resistance level: 0-1 (basically no mold growth)			
Toxicity	This product is not hazardous by inhalation; prolonged skin contact is unlikely to result in harmful amounts being absorbed; swallowing large amounts may cause injury.			
UV resistance level	≥ grade 4			
Chemical Resistance	Water resistant, weak acid and weak alkali resistant			