

# 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
<b>Dimensions</b>	15.3cm×17.6cm	22cm×19cm	23cm×23cm	22.5cm×25.5cm
<b>Temperature range</b>	<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.			
<b>Maximum speed</b>	<200 rpm, not recommended to exceed 250rpm			
<b>Relative humidity</b>	<85%RH			
<b>Anti Microbial</b>	Mildew resistance level: 0-1 (basically no mold growth)			
<b>Toxicity</b>	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.			
<b>UV resistance level</b>	≥ grade 4			
<b>Chemical Resistance</b>	Water resistant, weak acid and weak alkali resistant			