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Instruction Sheet 7300349 Rev. 2

Subject: Installation of Non-slip Super Tack Mat

Kit Part Number : 300349

Application: Orbital Shakers

The non-slip super tack mat included in this kit secures a wide range of Erlenmeyer flasks to the shaker platform without the use of clamps or brackets.

Each mat is labeled "**This Way Up**". The indicated side is slightly smoother and may have greater non-slip capability.

Warning! The maximum speed at which the mat will hold a 4-liter flask with 2 liters of fluid is 250 RPM. Above this speed and flask size, the flask will be ejected from the platform. Operating temperatures must be between 0°C and 40°C.

Warning! Non-slip super tack mat is slippery when wet. Caution must be taken in a high moisture atmosphere to ensure flask doesn't condense and wet the mat. The same caution must be taken if the flasks and mat are moved from a cool environment to a warmer, moister environment.

Before placing the mat on the platform, clean the platform thoroughly. The platform must be free of any oil or fingerprints. Use a cleaner such as Simple Green, or a window wash solution, followed by an alcohol rinse. Change wipes often to avoid recontamination.

If the mat becomes contaminated with powder or grime, it loses adhesion. Clean the mat with alcohol and a clean cloth. Full adhesion is restored when the mat is dry.

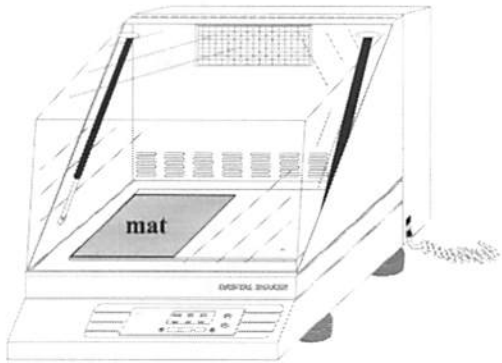


Figure 1. Mat Placement

1. The super tack mat is 9 inches wide by 9 inches long. Place on the shaker platform as needed. See Figure 1 for an example of placement. Multiple mats may be placed on the platform, as long as no part of the mat overlaps. Press each mat firmly to the cleaned platform surface.
2. Attach the flask to the mat by pressing it firmly. The entire base of the flask must be on the mat surface. Test the adhesion by carefully tugging on the flask before turning the shaker on.
3. Remove the flask by applying gentle leverage to one side, then pulling sideways to release it.
4. Tall, narrow vessels with limited or uneven bottom surface area may adhere better if a double layer of super tack mat is used.

Warning! Mat must be clean, dry and free from oil.
Containers used must be clean and dry.
Avoid powder and grime contamination of the mat.
Do not used damaged flasks.
Test adhesion with each procedure.
Clean mat with alcohol as needed.
Mat is not suitable for water bath trays.
If accidental breakage/ spills occur, verify the other flasks for adhesion on wet mat.
UV light will damage the mat.

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Instruction Sheet No. 7300349

REV	ECR/ECN	DATE	DESCRIPTION	By
2	24364/OS-314	11/07	Changed mat specs (300352 to 300409)	ccs
1	23742/OS-308	10/06	Added speed and flask size warning, plus platform cleaning instructions	ccs
0	19371/OS-234	5/01	Original	ccs

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