



 **INTEGRITY™**
CLEANROOM PRODUCTION SOLUTIONS

 **ANTISTAT™**
ESD & PRODUCTION CONSUMABLES

**Learning about
Contamination Control - Part 5:
Preparing for the
Cleanroom**

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Cleanroom Preparation

Cleanroom guidelines

When entering a cleanroom it is important to follow these easy guidelines :

Do

- ✓ Ensure you have washed and dried your hands
- ✓ Remove all make up and / or any other cosmetics applied on the face or neck area
- ✓ Make sure watches, jewellery and any clothing are stored on the “dirty” side as they should not be worn in the cleanroom

Don't

- ✗ No personnel wearing perfumes or after shaves should be allowed in the cleanroom
- ✗ No combing of hair is allowed in the changing room
- ✗ No eating, drinking or smoking in the changing room
- ✗ No gum chewing in the cleanroom
- ✗ Do not enter cleanroom without complete cleanroom attire
- ✗ Do not rub any exposed part of the face with a gloved hand. If this occurs, gloves must be changed out
- ✗ Do not smoke for at least 30 minutes before entering the cleanroom

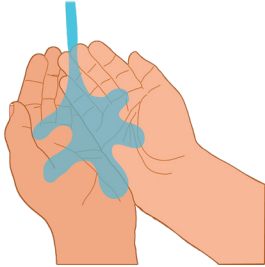


*For information on gowning in the cleanroom, please check out Part 3 of our guides
Part 3 - Choosing the Right Cleanroom Garments.

Visit our website: www.integritycleanroom.co.uk

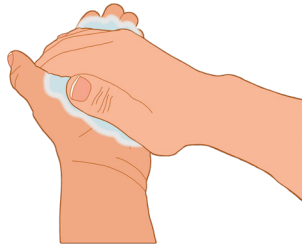
Guide to Washing Hands

1



Wet hands under running water

2



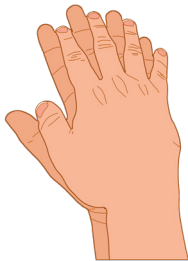
Rub soap into the palms

3



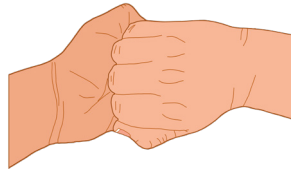
Rub lather across the back of hands

4



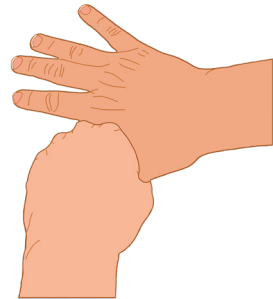
Clean between the fingers

5



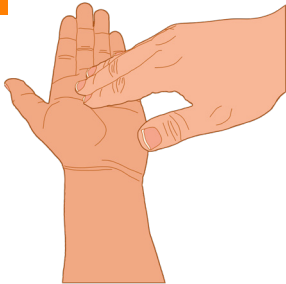
Ensure finger tips are cleaned by gripping fingers

6



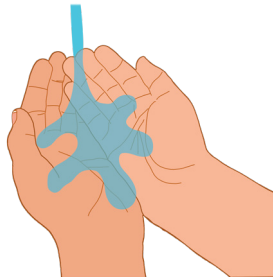
Rub the lather into the thumbs

7



Rub fingers into the palms

8



Rinse

9



Dry hands with a clean towel



To download a PDF of the guide above which you can print off and use within your cleanroom, please scan the QR code to the left.

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Adhesive Mats

Why use an Adhesive Mat?

Adhesive mats are used to effectively capture dirt and dust from foot-traffic and equipment wheels before entering a controlled environment.

These mats are ideally suited for cleanroom entrances, laboratories and hospitals.

Peel-off sheets eliminate the need for messy cleaning and make it easy to maintain a clean surface.



Different styles of Adhesive Mat

There are different styles of adhesive mat which each help in different environments depending on your requirements.

Standard Adhesive Mat

These are used in cleanrooms and are most effective in capturing dirt and dust.

Antibacterial Adhesive Mat

Antibacterial adhesive mats are similar to standard adhesive mats but incorporate additional antimicrobial properties. Each of the thin layers are coated with a highly developed adhesive containing an antibacterial substance which helps to kill or suppress the growth of microbes, reducing the risk of cross-contamination and the spread of harmful pathogens.

Antibacterial adhesive mats are particularly useful in healthcare facilities, food processing plants, and other environments where infection control is critical.

Antistatic Adhesive Mat

Antistatic adhesive mats are specifically designed to prevent the buildup and discharge of static electricity. These mats are used in areas where electrostatic discharge (ESD) can damage sensitive electronic components, such as in electronic manufacturing facilities or laboratories.

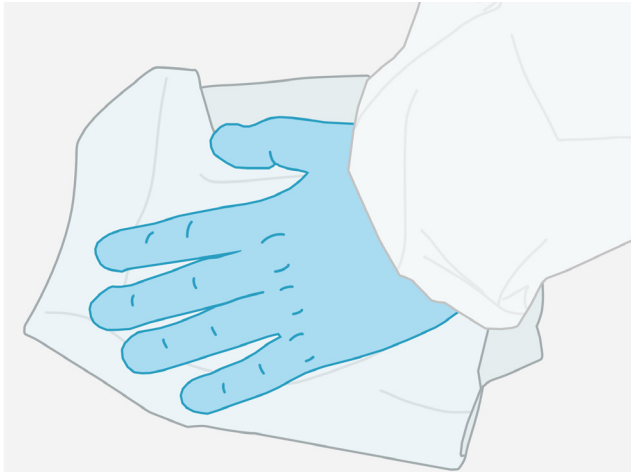
These mats are produced with water soluble antistatic adhesives. By neutralising static electricity, these mats help protect sensitive electronic devices from potential damage.

Adhesive Matting Guide

Guide to Setting up your Adhesive Mat

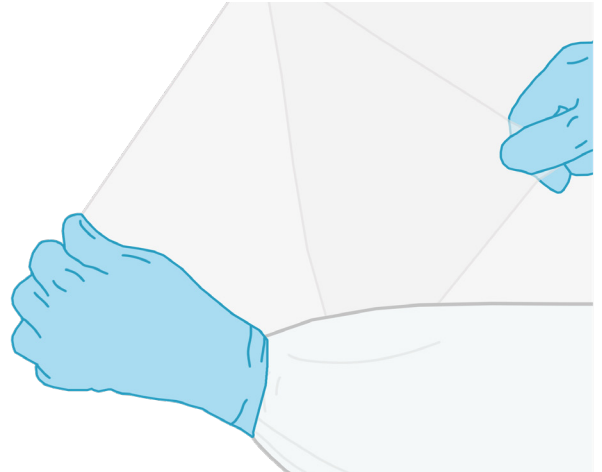
Step 1

Before placing the mat down you must wipe* the area, leaving enough time for the surface to dry.



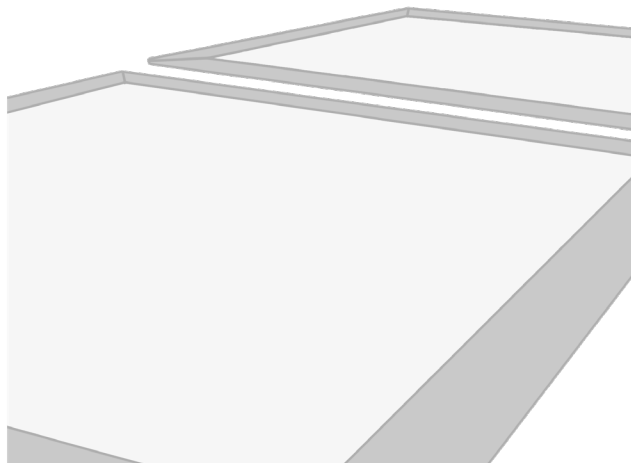
Step 2

Remove a set of mats from the box and peel off the bottom adhesive layer (always make sure boxes are stored flat.)



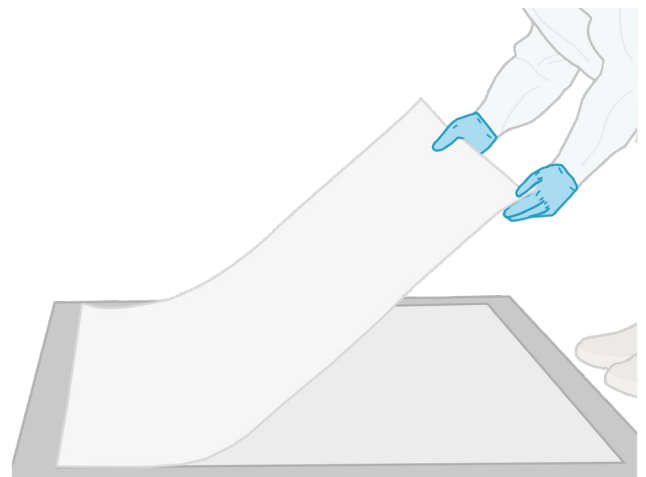
Step 3

Ensure mats are placed with enough space for users to take three steps before entering the gowning area.



Step 4

Flip the mat over, gradually sticking the adhesive mat to the prepared surface.



*For information on our wipe range, please check out Part 6 of our guides
Part 6 - Choosing the Right Wipe.

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Step 5

Ensure all air bubbles are removed by applying weight to the mat, securing it to the floor.



Step 6

Once on the ground, pull off the first adhesive layer. Peel the layer back into a ball to reduce static charge.



Step 7

Now you can use the mat. Make sure to take a minimum of three steps to ensure full contamination control.



Step 8

When dirty, remove the top adhesive layer. Each layer is numbered to indicate remaining number of adhesive layers.



To download a PDF of the guide above which you can print off and use outside your cleanroom, please scan the QR code to the left.

Our Range

Adhesive Mats

Integrity Multi-Layer Adhesive Mat



Integrity Antibacterial Multi-Layer Adhesive Mat

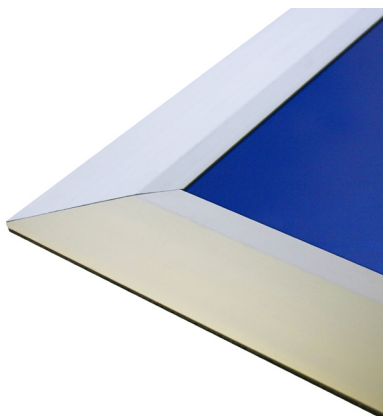


Integrity Antistatic Multi-Layer Adhesive Mat



Adhesive Mat Frames

Integrity Adhesive Mat Frame



For our full adhesive matting range, follow the QR code to the left. For more information please talk to our expert team.

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