



 **INTEGRITY™**  
CLEANROOM PRODUCTION SOLUTIONS

 **ANTISTAT™**  
ESD & PRODUCTION CONSUMABLES

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

## Contents

### Cleanroom Preparation

Cleanroom guidelines	3
Guide to washing hands	4

### Adhesive Matting Guide

Why use an Adhesive Mat?	5
Different styles of Adhesive Mat	
Standard Adhesive Mat	5
Antibacterial Adhesive Mat	5
Antistatic Adhesive Mat	5
Adhesive Mat Installation	6-7

### Our Range

Adhesive Matting Range	8
Hand Hygiene Range	8

## 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

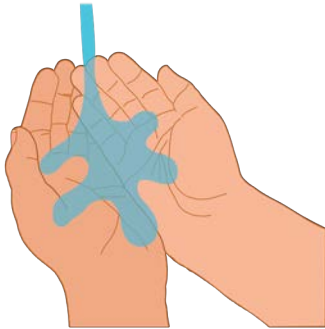
- ✗ No personnel wearing perfumes or after shaves should be allowed in the cleanroom
- ✗ No combing of hair is allowed in the changing room
- ✗ No eating, drinking or smoking in the changing room
- ✗ No gum chewing in the cleanroom
- ✗ Do not enter cleanroom without complete cleanroom attire
- ✗ Do not 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.

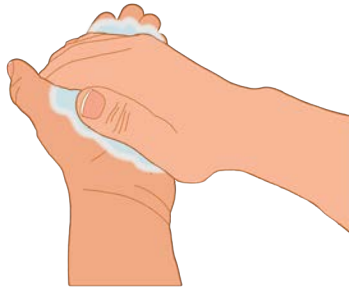
## Guide to Washing Hands

1



Wet hands under running water

2



Rub soap into the palms

3



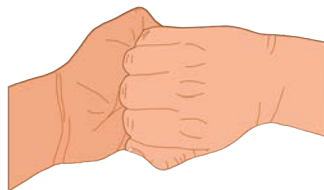
Rub lather across the back of hands

4



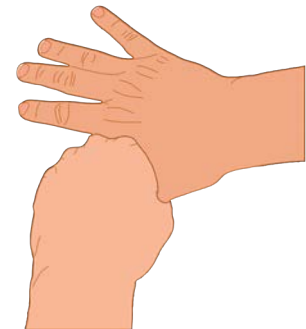
Clean between the fingers

5



Ensure finger tips are cleaned by gripping fingers

6



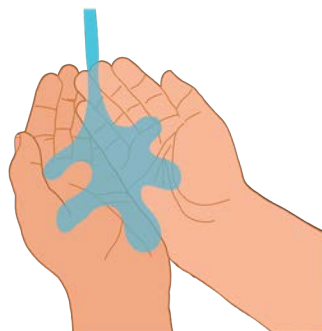
Rub the lather into the thumbs

7



Rub fingers into the palms

8



Rinse

9



Dry hands with a clean towel

Visit our website at [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

## 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

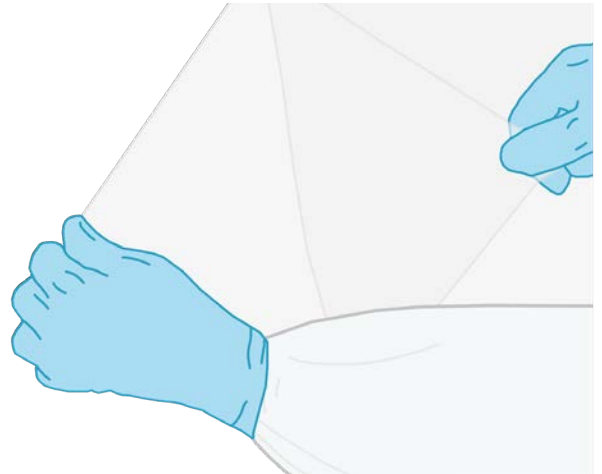
### Step 1

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



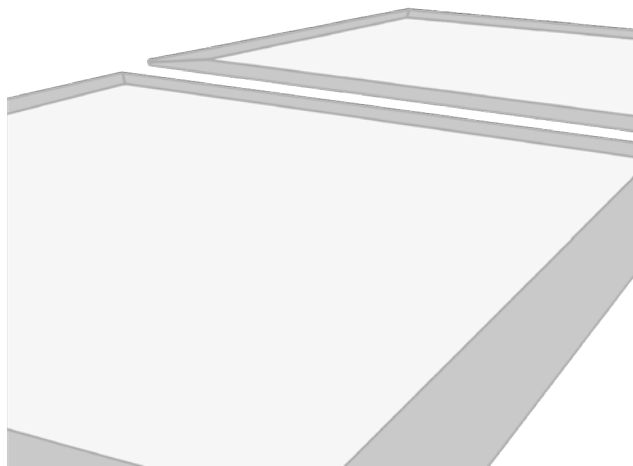
### Step 2

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



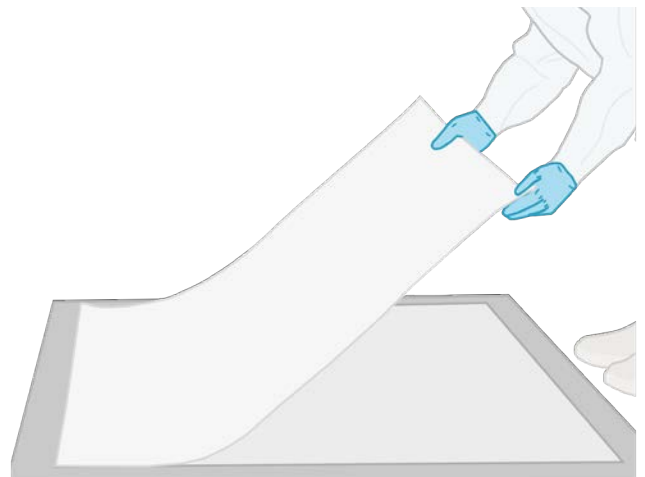
### Step 3

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.

Visit our website at [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

### 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.



## Our Range

### Adhesive Mats

Integrity Multi-Layer Adhesive Mat



Integrity Antibacterial Multi-Layer Adhesive Mat

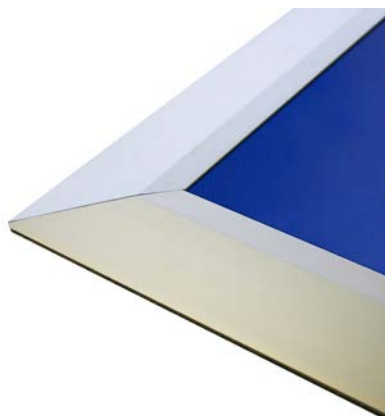


Integrity Antistatic Multi-Layer Adhesive Mat



### Adhesive Mat Frames

Integrity Adhesive Mat Frame



### Hand Hygiene

Integrity Hand Sanitising Liquid Integrity Hand Lotion in ESD Bottle



#### Adhesive Matting



For our full adhesive matting range, follow the QR code to the left. For our hand hygiene range, follow the QR code to the right.

#### Hand Hygiene



Visit our website at [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)



Notes:

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---







### ISO 9001 QUALITY ASSURED

We are focused on meeting our customer's expectations and delivering exceptional customer satisfaction.

### CUSTOMER FOCUSED APPROACH

With over 35 years' experience, our service culture is the very core of our customer's success.

### STANDARD OF EXCELLENCE

From beginning to end our team of knowledgeable experts are here to help.

### ADDRESS

Integrity House, Easlea Road,  
Bury St. Edmunds, Suffolk, IP32 7BY UK

### CONTACT US

+44 (0)1473 836 205 | [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) | [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

+44 (0)1473 836 200 | [info@antistat.co.uk](mailto:info@antistat.co.uk) | [www.antistat.co.uk](http://www.antistat.co.uk)

Ant Group comprises of Integrity and Antistat, both of which are trading divisions of ESD Control Centre Ltd. Registered No. 2526954. Registered Address: Integrity House, Easlea Road, Bury St Edmunds, Suffolk IP32 7BY.

© Copyright 2023 Ant Group Limited. Permission granted to reproduce for internal use only. Commercial copying, hiring, lending is prohibited.

Updated September 2023

