

# TECHNI-PRO

## Product Data Sheet

# Cleanroom Sticky Mat

TNP100113PK, TNP100114PK, TNP100115PK, TNP100116PK, TNP100117PK, TNP100118PK, TNP100119PK

## Description

Cleanroom Environment certified cleanroom sticky mat. This 30 layer sticky/tacky mat effectively removes dust and partials carried by vehicles, wheels, and soles at all contact points.

## Product Features

- Made of low-density polyethylene film and water-soluble acrylic adhesive
- As layer becomes dirty or contaminated simply tear away and dispose
- Surface is smooth, durable, bubble and wrinkle free
- 1-30 layers of labels on the corners for easy tracking and easy replacement and removal.
- Effectively eliminate static electricity in a general range
- Tacky surface removes dust and particles carried by vehicles, wheels, soles, at all contact points
- Strong adsorption force, which can efficiently remove dirt and dust from sole.



## Recommended Applications

- The product can be applied to epoxy floor, floor, tile, and other flat ground,
- Widely used in microelectronics, semiconductor, photoelectric manufacturing, PCB industry, solar energy, medicine, bioengineering, food, and other industries that are sensitive to fine dust and require high cleanliness.
- Cleanroom environments

## Notes for use

- 1) Wipe the ground surface clean and keep the ground dry, oil-free and water-free
- 2) Tear off the transparent protective film at the bottom and stick it flat on the ground; Peel off the top layer of transparent protective film and you are ready to use
- 3) Tear off a layer from the corner of the label after use, and then continue to use
- 4) When receiving the sticky mat, please put it flat on the ground, not standing or side to the wall, otherwise the product will collapse and cannot be used.

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| Products Information        |                                     |                                                                   |
|-----------------------------|-------------------------------------|-------------------------------------------------------------------|
| <b>Products Information</b> |                                     |                                                                   |
| 1                           | Item name                           | Cleanroom sticky mats                                             |
| 2                           | Material                            | Low density polyethylene film + water pressure sensitive adhesive |
| 3                           | Packaging                           | 30 layers/per mat                                                 |
| 4                           | Color                               | Blue                                                              |
| 5                           | RoHS Compliant                      | Yes                                                               |
| <b>Technical parameters</b> |                                     |                                                                   |
| 1                           | Appearance                          | Clean and tidy, Non dirt, Non damage                              |
| 2                           | Length (inch)                       | Length $\pm$ 0.2                                                  |
| 3                           | Width (inch)                        | Width $\pm$ 0.2                                                   |
| 4                           | Thickness(mm)                       | 0.04 $\pm$ 0.003                                                  |
| 5                           | Transverse tensile strength (Mpa)   | $\geq$ 12                                                         |
| 6                           | Longitudinal tensile strength (Mpa) | $\geq$ 20                                                         |
| 7                           | Lateral elongation rate (%)         | $\geq$ 300                                                        |
| 8                           | Longitudinal elongation (%)         | $\geq$ 200                                                        |
| 9                           | 180 degree peeling force (N/25mm)   | 2.5 $\pm$ 0.5                                                     |
| 10                          | Cleanroom Environment               | ISO Class 6 – 8/Class 1000 – 100,000                              |
| <b>Basic information</b>    |                                     |                                                                   |
| Serial number               | SKU Num                             | Product specification                                             |
| 1                           | TNP100113PK                         | 18inch*36inch                                                     |
| 2                           | TNP100114PK                         | 18inch*45inch                                                     |
| 3                           | TNP100115PK                         | 24inch*36inch                                                     |
| 4                           | TNP100116PK                         | 24inch*45inch                                                     |
| 5                           | TNP100117PK                         | 36inch*36inch                                                     |
| 6                           | TNP100118PK                         | 36inch*45inch                                                     |
| 7                           | TNP100119PK                         | 36inch*60inch                                                     |

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