

Contamination Control Mat



General Descriptions

This adhesive coated contamination control mat is specifically designed to reduce foot-borne dust and particulates from entering the cleanroom. This Contamination Control Mat is recommended for all Controlled Environments. This sticky mat offers multi layer protection for the cleanroom, available in both 30 and 60 layers, 4 ,8 and 10 mats per a pack configurations.

Material : PolyEthylene film, Acrylic adhesive polymer

Color : White,Blue,Grey,Green

Size : 18"x36",18"x45",24"x36",26"x45",36"x36",36"x45",36"x60" etc.

Packing: 30 (40 or 60)layers /mat, 4 (8 or 10) mats/case

Physical Properties

Film Thickness / Layer : 0.040mm (+ or - 0.005mm)

Dimension : (+ or - 5mm) / Width
(+ or - 5mm) / Length

Adhesive Strength (g/25mm): 180 ~ 220g (+ or - 30g) - Low
300 ~ 350g (+ or - 30g) - medium
400 ~ 450g (+ or - 30g) - High

Tensile Strength (Kg/10mm) : > 1.2

Elongation(%) : > 250%

Ability of dust removal(five steps with weight 100kg) : 99.9%

Heat Proof Resistance : 70°C + or - 3°C / 48HRS

Cold Proof Resistance : -13°C + or - 3°C / 48HRS

Instructions for use:

The Contamination Control Mat is recommended for all controlled environments. Please follow the instructions below for a proper utilization of your tacky mat.

1-Prepare the floor space by cleaning it with adequate solution. Remove residues left.

2-Make sure the floor is clean and dry.

3-Remove protective film from the bottom of the mat.

4-Adhere the mat to the floor. Press one corner of the mat to the floor and slowly smooth out the mat until it is completely adhered to the floor. Make sure you don't remove the top protective layer. Walk on top to entirely fix the mat on the floor.

5-Peel off the top protective sheet. The mat is ready to use.

6-Your tacky mat will efficiently attract particles. Once the top layer will be dirty, remove it by pulling only one layer at the time (layers are numbered to ensure one layer is remove at the time)

7-When removing layers, start from the outer sides to the inner center, in order to keep the particles captured into the sticky layer.

8-A clean sheet is ready to control contamination of your clean environment