CleanStep™
Mats & Frames

Capture particulates before entering the cleanroom

Description

CleanStep™ by Texwipe is a comprehensive program of contamination control mats and supporting frames designed to capture particulates from foot and wheel borne traffic prior to entry into cleanrooms or controlled environments. Mats and Frames are ordered separately giving end-users extreme flexibility.

CleanStep™ Mats can be used with or without Frames to provide an effective means of reducing contamination in high traffic areas. Constructed with 30 or 60 layers, each removable sheet has a consistent adhesive coating designed to trap particles and prevent transfer. CleanStep™ Mats contain anti-microbial preservatives that prevent microbial growth. Easy to install and maintain, the CleanStep™ Mats come in 3 sizes, 3 colors, and 2 layer configurations to address end-user needs.

CleanStep™ Frames are made of polystyrene and provide an excellent surface for adhering CleanStep™ mats. When cleaning protocols require portability or when a floor surface is not conducive to adhering mats, this non-slip, light-weight design provides the answer.

The CleanStep™ Mats & Frames program provide effective and when needed, a portable contamination control solution for cleanroom and critical environments.

Features

Mats

- Ease of Use – easy to install, use and maintain
- Consistent adhesive coating on each layer
- Anti-microbial preservative
- Available in 3 sizes, 3 colors & 30 or 60 layers

Frames

- Light-weight, durable construction
- Non-slip design
- Cleaned with IPA
- Available in 3 sizes and 2 colors

Benefits

- Guaranteed performance
- Multitude of size, color and layer options
- Prevention of microbial growth in mats
- Easy to maintain
- Protects floor surfaces

Applications

- Cleanrooms and critical environment entry points, gowning rooms or ante rooms in the semiconductor, biotechnology, medical device, pharmaceutical processing, aerospace and automotive markets
- Cleanroom construction projects for minimizing and capturing dust and debris

CleanStep Mats & Frames

Mats

30 Layer CleanStep Mats

AMA183681W	White	18" x 36"	30 layer mats, 8 mats/case
AMA183681B	Blue		
AMA183681G	Gray		
AMA254581W	White	25" x 45"	30 layer mats, 8 mats/case
AMA254581B	Blue		
AMA254581G	Gray		
AMA364681W	White	36" x 46"	30 layer mats, 8 mats/case
AMA364681B	Blue		
AMA364681G	Gray		

60 Layer CleanStep Mats

AMA183682W	White	18" x 36"	60 layer mats, 4 mats/case
AMA183682B	Blue		
AMA183682G	Gray		
AMA254582W	White	25" x 45"	60 layer mats, 4 mats/case
AMA254582B	Blue		
AMA254582G	Gray		
AMA364682W	White	36" x 46"	60 layer mats, 4 mats/case
AMA364682B	Blue		
AMA364682G	Gray		

Frames

CleanStep Frame for 18"x36" Mat Size

FB1937	Black	19" x 37" x 1/8"	1 frame per case, for use with 18" x 36" CleanStep Mats
FW1937	White		

CleanStep Frame for 25"x45" Mat Size

FB2646	Black	26" x 46" x 1/8"	1 frame per case, for use with 25" x 45" CleanStep Mats
FW2646	White		

CleanStep Frame for 36"x46" Mat Size

FB3747	Black	37" x 47" x 1/8"	1 frame per case, for use with 36" x 46" CleanStep Mats
FW3747	White		

Technical Specifications

Physical Properties	Value
Film Thickness	
Top film	2.0 mil
Middle film	1.2 mil
Bottom film	2.8 mil
Adhesive Thickness	
Top film	N/A
Middle film	0.3 – 0.4 mil
Bottom film	0.4 – 0.5 mil
Peel Adhesion	
Middle layer	6 – 8 oz/in
Bottom layer	>12 oz/in
FTIR Analysis	
Silicone	None detected
Amide	None detected
Microbial Analysis	None detected