

Nomad™ Contamination Control Mat 4300

Technical Data Sheet TD660

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Description :

The mat consists of multiple layers of adhesive-coated clear polyethylene sheets attached to a vinyl backing. The backing adheres to the floor, while the tacky top surface removes dirt and contaminants from the bottom of shoes and wheels.

Product Positioning :

For use at clean room entrances, in hospital operating rooms, in semi conductor, medical device, pharmaceutical, biological and nuclear industries, at factory-to-office entrances and other work areas requiring high levels of cleanliness.

Service Temperature Range:
15°C to 50°C

Special Features :

- Peelable, disposable mat
- Easy to install
- Allows foot or wheel traffic to cross easily
- Very good removal and retention of contaminants
- Easy removal of single sheets
- Easily identifiable sheet count alternate blue and white numbered tabs
- Vinyl backsheet does not transfer adhesive onto the floor when mat is changed.

Colours :

Backing : White
Sheets : Transparent

Sizes :

Pre-cut mats :
450 x 1150 mm +/- 3 mm
600 x 1150 mm +/- 3 mm

Packaging and Marking :

- 6 mats per case.
- 40 removable sheets per mat
- Each carton is marked with product name, size and colour.

Storage :

- Store flat, do not store carton on edges.
- Storage temperature : minus 20°C to 70°C.

Installation and Cleaning

Instructions :

- Clean the floor
- Remove clear back cover sheet from bottom side of the mat
- Avoid touching the adhesive
- Turn mat over (installation instructions facing upwards)
- Place one corner of exposed back side adhesive onto floor to position the mat
- When mat is aligned correctly, bond mat to the floor by pressing evenly and firmly across entire mat
- Remove top cover sheet
- When top layer of mat has lost tack due to build-up, peel off the top layer using corner tab and discard. Alternatively, sheets can be changed at set times as part of a quality assurance system.

Product disposal :

Post consumer waste can be disposed off in appropriate containers and/or be incinerated.
The European directive waste disposal code is 20 01 04.

Product Characteristics :

Property or Component	Description
Mat Thickness ①:	2.10 mm (+/- 0.1 mm)
Mat layers :	30 micron thick transparent polyethylene film
Backsheet and protective liner :	100 micron thick white vinyl film protected by 30 micron thick clear polyethylene liner
Adhesive :	Water soluble acrylic with antimicrobial agent incorporated
Top cover sheet	30 micron thick clear polyethylene liner printed with installation instructions
Tabs :	Polyester, alternating blue and white; numbered in decreasing order from 40 to 1, with 3M logo printed on each tab.
Dimensional stability :	Length and width may change up to +/- 4 %
Other features:	The product is silicone free.

① Typical average values

Origin of product : made in USA.

Source of supply : 3M France

HCC European Laboratory, 92506 Rueil-Malmaison, France

nomad[™]
matting

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