

Nomad™ Ultra Clean Mat (former NCC4300)

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 **dust** contaminants from the bottom of shoes and wheels.

Product Positioning :

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

Thanks to its fine particles catching ability, NCC4300 is an effective tool to assist entities in getting ISO14644-1 certification for clean rooms Class 8 to 4 (see page 2 for requirements for clean rooms ratings).

Not designed for outdoor use or direct exposure to sunlight and/or weather conditions

Service Temperature Range:
Between 16°C and +29°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 :

2 types: White and Blue

Backing : either White or Blue
with a red 3M logo printed on backing

Sheets : Transparent on both versions

Sizes :

Pre-cut mats :

450 x 900 mm +/- 3 mm
450 x 1150 mm +/- 3 mm
600 x 1150 mm +/- 3 mm
900 x 1150 mm +/- 3 mm

Packaging and Marking :

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

Shelf life & Storage

- Shelf life of 3 years
- Store flat, do not store carton on edges.
- Storage temperature & Humidity level :
Between 16°C and +29°C
30% to 75% of relative humidity

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 of in appropriate containers or/and be incinerated.

The European directive waste disposal code is 20-01-39 for plastic material. Refer to your local waste handling procedure for potential recycling.

Characteristics:

Characteristics : Property / Component	Description
Mat Thickness *:	1.99 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, and branded with a red 3M logo printed
Adhesive :	Water soluble acrylic with Antimicrobial agent incorporated for adhesive <u>preservation</u> purpose only. Does not give to the mat antibacterial properties
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:	Product is silicone and plasticizers free. It complies with End of Life Vehicles mandates for heavy metals (directive 2000/53/EC).

*Typical average values

Origin of product : made in USA.

Source of supply : 3M France



