



3M™ Nomad™ Aqua Plus Matting 4500

1.0 Production Description

3M™ Nomad™ Aqua Plus Matting 4500 is a low traffic entrance mat that allows excellent water absorption. 3M™ Nomad™ Aqua Plus Matting 4500 tuft is a 3M polypropylene loop pile tuft made of fine absorbing fibers bonded to a draining polyester fleece. 3M™ Nomad™ Aqua Plus Matting 4500 has sewn edges all around the mat.

Special Features

- Durable Polypropylene loop pile tuft
- Polyester draining fleece
- Slip resistant Backing
- Good dirt and water removal and holding
- Tapered edging allows for smooth pedestrian and cart traffic

2.0 Intended Use

- Low traffic: up to 500 people per day
- Second step, Indoor mat
- Service temperature range: 32°F to 140°F (0°C to 60°C)

3.0 Standard Sizes

Finished Sizes (1 mat per package)

Standard Colors	Standard Sizes
Black, Brown	3 feet x 5 feet 3 feet x 10 feet 4 feet x 6 feet 4 feet x 10 feet 6 feet x 10 feet

Non-Stocked (Four Side Black Edging)

Custom Colors	Custom Sizes
Black, Brown, Blue, Green	3 feet or 4 feet width, 2 feet to 60 feet length (1-foot increments for both 3 feet or 4 feet width)

4.0 Colors

Black, Brown, Blue, Green

5.0 Requirements

Detailed Requirement:

Property Test Method	Typical Values
Total weight (without edging)	9.2 ounce/sq ft (2800 g/sq meters)
Total pile weight	1.5 ounce/sq ft (460 g/sq meters)
Fleece weight	0.4 ounce/sq ft (135 g/sq meters)
Total thickness	0.3 inch (6.8 mm)
Pile thickness	0.1 inch (3.2 mm)
Tufts / sq. meter	58 000

Property Test Method	Typical Values
Dimension stability	< 1%
Edging width Tape	0.4 inch (10 mm)
Edging height Tape	0.2 inch (6 mm)
Total water absorption	11.0 fl ounce/sq ft (3.5 liter/sq meters)
Drying time (at 2 liters/sq. meter)	24 hrs

Flammability Euroclass EN1350-1 Efl

Chemical Resistance:

Chemical tested	Resistance
Detergents	Excellent
Salted water	Excellent
Lead free gas	Poor
Diesel	Poor
Motor oil	Good
Bleach	Good

Note:

Test conditions: 7 days of total immersion

Resistance: the resistance is rated as following

- Excellent = No impact
- Good = slight effect on product, less than 1% weight loss
- Poor = product becomes unsuitable for use

6.0 Weight and Cube per Case

Approximate

Mat Size	Mats per case	Weight (lbs)	Cubic (feet)
3 feet x 5 feet	1	8.67	1.28
3 feet x 10 feet	1	17.15	1.86
4 feet x 6 feet	1	13.75	2.54
4 feet x 10 feet	1	22.86	2.54
6 feet x 10 feet	1	34.35	3.86
6 feet x 60 feet	1	205.99	23.55

7.0 Packaging and Marking

Packaging: 1 mat per carton

Marking: Each carton shall be marked with product name, size, color and manufacture's trade name.

8.0 Cleaning and Maintenance

The following instructions should be followed to maintain appearance and functionality, and to prolong the life of the matting and surrounding flooring. The frequency of vacuuming and of cleaning should be adapted according to traffic conditions and to the type of soiling.

Appropriate cleaning and regular maintenance helps:

- Extend the life of the matting by reducing the abrasive effect of dirt on the matting.
- Enhance matting effectiveness by reducing the re-tracking of soil and water from the mat to the building.
- Maintain the appearance of the matting and surrounding areas in the building.

Daily Maintenance:

Vacuum daily: Use an upright beater-brush dry vacuum adjusted to its most powerful setting. Move nozzle slowly over mat to allow time for dirt to be picked up. Rotate nozzle and vacuum in opposite direction for more thorough dirt removal. In heavier traffic areas or at pivot points, rotate matting end to end when repositioning.

Chewing gum removal: Chewing gum removal is required on a daily basis to prevent unsightly soiling and to avoid more difficult removal at later date. Recommended procedure:

1. If soft, remove by gently scraping it away with a dull knife.
2. If hardened, treat with a suitable product such a chewing gum freezing chemical (aerosol).

Spot Cleaning: For accidental stains or spills, spot cleaning is necessary. Recommended procedure:

Treat stains using 3M™ Carpet Spot Removal & Upholstery cleaner.

1. Remove as much soil and moisture as possible.
2. Shake aerosol cleaner can well and apply to the affected area.
3. Wipe or blot with a clean absorbent cloth.
4. If spill is large, use a wet vacuum and rinse mat several times.

Important: Keeping the backing of the mat clean is critical in minimizing the mat "walking". Floor under mat must also be kept clean (swept and/or damp mopped underneath mat).

Weekly Maintenance:

1. Remove matting from service.
2. Turn matting over and run beater bar, dry vacuum on back side of matting.
3. Pick up matting.
4. Clean up dirt/debris from floor (sweep, vacuum, damp mop, etc.).
5. Place matting back in service and vacuum top surface of matting.

Wet Condition for Mats and Rolls:

1. Use an extractor or wet vacuum to remove as much water as possible from mat.
2. Allow mat to dry. Hang up if necessary. Use of fan or blower will reduce dry time.

Restorative Maintenance:

Frequency of restorative maintenance will depend on the amount of traffic and soil in the area of application.

Rotary Shampoo and Extract

The cleaning solution maximum temperature should not exceed 122°F (50°C.)

1. Wet matting with diluted solution of Scotchgard™ Pretreatment Cleaner Concentrate or Scotchgard™ Extraction Cleaner Concentrate.
2. Loosen dirt using a rotary brush.
3. Extract at least two times. (If heavily soiled, repeating this procedure may be required.) OR

High Pressure Washer

1. Use high pressure washer (i.e. at self-service car wash).
2. Hang mat up.
3. Wash mat thoroughly.
4. Rinse mat thoroughly.
5. Let mat dry.

9.0 Installation Instructions

Install 3M™ Nomad™ Aqua Plus 4500 mats on a dry and clean floor, as a drop down mat.

10.0 Product Disposal

Post consumer waste can be disposed of in appropriate containers and/or be incinerated.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the performance of 3M™ Nomad™ Entrance Matting System products, including the type and preparation of the surface, and the conditions of use. User is solely responsible for evaluating the product and determining whether it is fit for user's particular purpose and adequately maintained.

Warranty, Limited Remedy, and Disclaimer: 3M warrants that its 3M™ Nomad™ Entrance Matting System products, if used as recommended, will be free from defects in material and manufacture for the period indicated below from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M™ Nomad™ Entrance Matting System product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product, refund of the purchase price, or a discount off the cost of replacement matting pursuant to the following schedule. This warranty does not cover product failure arising out of product abuse or misuse, or the failure to properly install or maintain the product.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from its 3M™ Nomad™ Entrance Matting System products, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

Product	Warranty Period
3M™ Nomad™ Aqua Plus Matting 4500	1 year: replacement 1-2 years: 50% off replacement matting



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