

Technical Data/ Product Specifications

3 Nomad™ Carpet Matting 9800

- 1.0 Product Description** The product shall be looped pile carpet entryway matting. The matting features a unique tufted construction with random design utilizing two different size fibers. Areas of large diameter polypropylene fibers with small diameter nylon fibers combine to maximize dirt removal, water pick-up and holding capacity. For enhanced durability, the matting has a fiberglass reinforced solid vinyl backing.
- 2.0 Intended Use** For use as entryway matting where snow, water, and/or dirt tracking is a problem. Product is designed for pedestrian traffic levels in excess of 1,000,000 people per year.
- 3.0 Standard Sizes**
- Width: 74" (188 cm) with untrimmed edge
72" (183 cm) usable width
- Length: Individual rolls can be specified in one foot (0.3m) increments from two feet to fifty feet (0.6 m to 15.2 m)
- 4.0 Colors** Ebony
- 5.0 Requirements**
- General Requirements:
The product shall be made of two different sizes of fibers featuring a unique tufted construction and random design: small diameter nylon fibers combined with large diameter polypropylene fibers arranged to maximize performance. The product shall have a fiberglass reinforced solid vinyl backing.

Detailed Requirements:

<u>Property</u>	<u>Typical Values</u>
Thickness ASTM D418-68	Minimum: 0.32 inches (8.1 mm)
Moisture Penetration/dynamic crush T305	No penetration in 10,000 cycles
Weight (minimum) ASTM-D-418	Minimum: 10.3 lb/yd ² (5.6 kg/m ²)

5.0 Requirements (continued)

Flammability		
DOC-FF-1-70 (Pill Test)	Passes	
ASTM E-648	Passes – Class 1	
NFPA-253	Passes – Class 1	
FTM-373	Passes – Class 1	
Electrostatic Propensity	<u>Step</u>	<u>Scuff</u>
AATCC-134, Neolite soles	-1.9 KV	-1.4 KV

6.0 Packaging and Marking

Packaging: Lengths 10 feet and under – one per box with core
Lengths over 10 feet – plastic wrapped with core

Marking: Each package shall be marked with product name,
size and manufacturer's trade name.

7.0 Installation, Seaming and Edging

Installation Requirements:

3M™ Nomad™ Carpet Matting 9800 should be placed in an interior entryway.

3M™ Nomad™ Carpet Matting 9800 is not recommended for use in kitchens or areas constantly exposed to grease and oil.

Recommended Installation Method – Professional Flooring Installers

Tools and Supplies Required*:

- National Carpet Equipment #575 Commercial Seam Cutter
- America Safety Razor Personna® Carpet Blades, .017 Heavy Duty Square Comer, No. 61-0023
- Loop splitter or heavy duty flat tip screwdriver
- Square
- Drill, ¼" (6mm) masonry bit, #10 (3/16", 5 mm) regular bit
- #10 concrete anchors, #10 flat head screws 1" – 1 ½" (25mm – 38mm) long *Hammer
- Paintroller, 8" (20 cm) wide
- 3M™ Blue Glue Multi-Purpose Carpet Adhesive or equivalent
- CTA-XX-M-Johnsonite® Wheeled Traffic Transitional Moulding or equivalent, carpet-to-carpet transition, ¼" (6 mm) thick by 2 ½" (6.4 cm) wide with 3/8" (10 mm) carpet overlap on each side
- CTA-XX-K Johnsonite® Wheeled Traffic Transitional Moulding or equivalent, carpet-to-floor reducer, 3/8" (10 mm) to 1/8" (3mm) carpet to floor reduction, 3/8" (10 mm) carpet overlap, 2 ½" (6.4 cm) wide
- Broom and dust pan
- Straight edge
- Scissors
- Tapemeasure

* Tools, reducer and transition moulding and other materials are available through carpet supply stores.

7.0 Installation, Seaming and Edging (continued)

Seaming and Edging Instructions:

1. Thoroughly clean floor area where matting is to be installed.
2. 24 hours prior to installation, unroll matting to be seamed. Make sure matting matches in color and texture. Note: Be sure arrows on back of matting run in the same direction.
3. Select a row of loops at least 1" (25 mm) from the edge of the matting. Using the seam splitter or flat tip screwdriver, run alongside the loops splitting two rows of loops. Note: Use a continuous forward motion. Next, run the loop splitter or flat tip screwdriver down the row again to insure split line is visible.
4. Set the blade in the #575 seam cutter the exact depth of the matting to be trimmed.
5. Insert the blade and guide of the #575 seam splitter in the matting groove made by the seam splitter or screwdriver.
6. Trim the matting using a downward motion. Note a back and forth motion. If the blade depth is set correctly, one straight cut should trim the edge of the matting.
7. Run hand along edge to loosen fibers. Trim loose fibers with scissors.
8. Lay the matting to be seamed side by side, approximately 1 3/4" (45 mm) apart.
9. Lay out CTA-XX-M carpet-to-carpet transition moulding between the matting.
10. Using a #10 drill bit, drill a hole through the center of the transition moulding every 18 inches (46 cm) making sure to leave a location indicator mark in the floor.
11. Remove the transition moulding. Using a 1/4" (6 mm) masonry bit, drill a 2" (51 mm) deep hole in the floor at each location indicator mark. Put a #10 concrete anchor in each hole. Note: Make sure anchor is flush with the floor.
12. Fold matting back at least 2 feet (0.6 m) from the transition piece.
13. Using the paint roller, apply 3M™ Blue Glue Adhesive the width of the paint roller to the floor on both sides of the transition moulding; approximately 8 inches (20 cm) wide.
14. Allow to dry until glue is tacky.
15. Lay matting back down. Place transition moulding down making sure it covers both edges of the matting.
16. Screw down transition moulding using #10 flat head screws. Fasten to the floor, except at the ends of the matting.
17. Using a square and straight edge, trim the ends of the matting making them square.
18. Trim and remove any loose fibers.
19. Fold back the ends of the matting. Apply 3M Blue Glue Adhesive to this floor area with the paint roller. Allow to dry until tacky.
20. Lay matting ends down.
21. Place CTA-XX-K carpet-to-floor reducer on the ends of the matting.
22. Drill holes through the reducer every 18" (46 cm) using #10 drill bit, leaving an indicator mark in the floor.
23. Remove the reducer. Drill holes 2" (5 cm) deep using 1/4" (6 mm) masonry drill bit and place #10 concrete anchors in each hole making sure anchor is flush with the floor.
24. Place reducer back down and using #10 flat head screw, screw down to floor (make sure screw head is flush with the reducer). Then fasten the remaining transition ends to the floor.

7.0 Installation, Seaming and Edging (continued)

Alternate Installation Method:

Tools and Supplies Required*:

- National Carpet Equipment #575 Commercial Seam Cutter
- America Safety Razor Personna® Carpet Blades, .017 Heavy Duty Square Corner, No. 61-0023
- Loop splitter or heavy duty flat tip screwdriver
- Square
- Straight edge
- Paint roller, 8" (20 cm) wide
- Scissors
- Tape measure
- 3M™ Blue Glue Multi-Purpose Carpet Adhesive or equivalent
- 3M™ Matting Adhesive
- 3M™ Matting Seaming Tape
- BurkeMercer #705 Super Imperial Reducer or equivalent, 2 5/8" (67 mm) total width, 3/8" to 0" (10 mm to 0) carpet to floor reduction, 3/8" (10 mm) carpet overlap and 1" (25 mm) flap
- Broom and dust pan

* Tools, reducer and transition mouldings can be purchased at a carpet supply store.

Seaming for Portable Installations

1. Thoroughly clean floor area where matting is to be installed.
2. 24 hours prior to installation, unroll matting to be seamed. Make sure matting matches in color and texture. Note: Be sure arrows on back of matting run in the same direction.
3. Overlap the edges of the matting to be seamed. Overlap at least 2" (51 mm) making sure the pattern lines up on both mats.
4. Select a row of loops at least 1" (25 mm) from the edge of the matting. Using the seam splitter or flat tip screwdriver, run alongside the loops splitting two rows of loops. Note: Use a continuous forward motion. Next, run the loop splitter or flat tip screwdriver down the row again to insure split line is visible.
5. Set the blade in the #575 seam cutter to the exact depth required for cutting through both pieces of the matting to be seamed.
6. Insert the blade and guide of the #575 seam splitter in the matting groove made by the seam splitter or screwdriver on the top piece of matting.
7. Trim the matting using a forward motion. Note: Do not use a back and forth motion. If depth is set correctly, one straight continuous cut should trim both pieces of matting.
8. Remove the edge waste. Place the edges to be seamed together. Check edges to insure they line up evenly.
9. Run hand along edge to loosen any loose fibers. Trim loose fibers with scissors.
10. Reset the blade depth so it cuts through one thickness of matting. Trim the other edges of the matting following steps 4-9.
11. Use 3M™ Matting Seaming Tape and 3M™ Matting Adhesive. Follow instructions included with product.

OR

7.0 Installation, Seaming and Edging (continued)

Seaming for Permanent Installations (after completing Steps 1-10 above)

12. Fold matting back at least 2 feet (0.6 m) from where seam is to be made.
13. Using the paint roller, apply 3M™ Blue Glue Adhesive to the floor. Apply the width of the paint roller on both sides of the seam; approximately 8 inches (20 cm) wide.
14. Allow to dry until tacky.
15. Lay one piece of the matting down.
16. Run a 1/8" (3 mm) bead of 3M™ Matting Adhesive along the edge of the matting.
17. Place the other piece of matting down. Bond matting seams together. Check seams to ensure they line up evenly.
18. Place weight on top of the seam for at least one hour.

Edging for Portable and Permanent Installations

1. Using a square and straight edge, trim the edges of the matting to be edged.
2. Trim any loose fibers.
3. Lay out BurkeMercer Plastics #705 Super Imperial Reducer.
4. Run two 1/8" (3 mm) beads of 3M Matting Adhesive on the reducer flap – one bead on the flap under the cove; and the other bead 3/4" (19 mm) from the edge of the flap.
5. Lay matting down. Push matting edge into coved reducer opening.
6. Place weight on top of the edging for at least one hour.

8.0 Cleaning and Maintenance

Daily Maintenance

Dry vacuum adjusted to its most powerful setting. Move nozzle slowly over mat to allow time for dirt to be picked up.

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

For mats and rolls less than 80 sq. ft. (7.43m²) also do the following:

In heavy traffic and traffic pivot points, rotate matting end for end when repositioning.

Important: For portable installations, it is critical to keep the backing of the mat clean, to prevent the mat from "walking". The hard floor under the mat must also be kept clean (swept and/or damp mopped while mat is in service).

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.

8.0 Cleaning and Maintenance (continued)

Wet Conditions 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

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

OR

High Pressure Washer

Use high pressure washer (i.e., at self-service car wash).

1. Hang mat up.
2. Wash mat thoroughly.
3. Rinse mat thoroughly.
4. Let mat dry.

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Important Notice:

This flyer is intended to be an introductory summary. The information provided is based upon typical conditions and is believed to be reliable; however, due to the wide variety of intervening factors 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

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