

PRODUCT TERMS / GLOSSARY

ANTI-FATIGUE PROPERTIES: Cushioning qualities found in NOTRAX® matting that alleviates foot pressure, stimulates blood circulation and helps reduce stress on the lower back, leg joints and major muscle groups.

CHEMICAL RESISTANCE: The degree to which NOTRAX® industrial matting products can withstand the erosive qualities of chemicals found in applicable environments.

DECALON®: An exclusive NOTRAX® fiber constructed of high Denier polypropylene yarn. Products manufactured with Decalon® offer superb wear resistance, exceptional moisture retention, and crisp pattern appearance in coordinating colors. See products #130, #131, #132, #137, #138, #139, #141, #146, #148, and #325.

DENIER: Denier is defined as the thickness of the yarn strand. Combined with the face-weight (ounces of yarn per square yard), and the density or volume of yarn strands, it is a critical factor in the performance, quality and durability of an entrance mat. NOTRAX® competitors define their quality in terms of face-weight only.

DYNA-SHIELD®: A revolutionary new process perfected by Superior Manufacturing Group that creates a tough protective barrier on the

surface of foam anti-fatigue mats. Dyna-Shield® products are more resistant to wear than traditional sponge matting. See products #406, #413, #415, #417, #419, and #825.

GSII: A technology incorporated into NOTRAX® industrial floor matting products that allow them to excel in harsh industrial environments where aggressive chemicals, oils, and greases are commonly found, and where traditional matting often fails. See products #850GSII, #856GSII.

NEEDLEPUNCH: A manufacturing process for carpet matting, needlepunch is engineered with a unique blend of 4 Denier thicknesses of polypropylene yarn ranging from very fine to very thick. Needle-punch products are typically more durable, offering better crush resistance and wearability due to the density of the yarn used in the process. See products #105, #109, #117 #118, #136, #323, and #370.

NITRILE RUBBER: A synthetic rubber specifically designed for harsh environments providing superior oil, grease, animal fat, and chemical resistance, abrasion resistance, gas permeability, and thermal stability. Niru® is the NOTRAX®, trademarked name for Nitrile rubber compound. See products # 543, #544, #550, #551, #556, #562, #650, #656, #755, #758, #850GSII, #856GSII

PVC COMPOUNDS: PVC (Polyvinyl Chloride) is a plastic compound used in a variety of manufacturing processes and end products. PVC is known for its durability, resistance to moisture, versatility, and its ability to withstand harsh environments.

TUFTED: An alternative process to needlepunch for manufacturing carpet matting, tufted products are sewn into a backing using a finer yarn. Tufted mats generally are less dense and offer better moisture retention. Tufted products also have more flexibility with colors and patterns providing a more aesthetic finished product. See products #130, #131, #132, #137, #138, #139, #141, #145, #146, #148, #150, #161, #166, #167, #168, #170, #180, #190, #231, and #325.

UNIFUSION™: A revolutionary new bonding technology that uses heat and pressure to fuse a floor matting top surface to a base material. The resulting finished product is virtually a single piece, thereby eliminating the possibility of de-lamination. See products #470, #474, #479, #480, #826, #970, #974, #979, #980

PRODUCT TESTING

All NOTRAX® Floor Matting Products are subject to the following applicable tests, conducted by independent laboratories prior to their introduction to the market:

All NOTRAX® carpet products passed the Flammability Test (PillTest DOC FF1-70).

Accelerated Soiling Test (ASTM D6540): Designed to simulate the soiling that occurs from foot traffic/floor service in normal use as an entrance mat.

Accelerated Wear Test (S.I.M. Floor Machine): Designed to simulate the wear an entrance mat will receive under normal foot

traffic. The results show the relative wear and crush resistance of the mat.

Water Retention: Designed to simulate the moisture retention of an entrance mat in actual usage. Tests are reported in gallons per square yard.

Abrasion Resistance (ASTM D3884-92): This is an accelerated wear test for NOTRAX® products. Results are measured in weight loss.

Compression Deflection (ASTM D3574): This test assesses the anti-fatigue properties of industrial mats.

Coefficient Of Friction (ASTM C 1028-89): Designed to assess the slip resistance of our matting.

Elongation (ASTM D412): This test measures the weight needed to break, and the % of size increase at the breaking point.

Tear Strength (ASTM D1004): This test measures the force required to initiate the tearing of a mat.

Critical Radiant Flux (ASTM E648-94A): This test measures the level of radiant heat energy required to sustain flame propagation.

MATTING ICONS



Drainage: Open construction allows for moisture to pass through, providing secure footing in a wet environment.



Anti-Slip: Matting designed to provide added traction through aggressive surface patterns and textures.



Welding: Made of durable rubber compounds, these mats can be used in areas where welding takes place.



Non-Conductive: Formulated to provide insulation for the worker. It prevents the worker from being "grounded", thereby preventing electrical shock.



Outdoor Use: Heavy-duty construction designed to act as a first line of defense against tracked-in dirt by scraping, soil and moisture from shoes.



Custom: Mats available in custom sizes and/or lengths.



Food Service: Matting suitable for use in kitchens, bars and other food service areas where durability, grease resistance and drainage are a priority.



Ergonomic/Anti-Fatigue: Matting that alleviates foot pressure, stimulates blood circulation and helps reduce stress on the lower back, leg joints and major muscle groups.



Food Processing: Matting suitable for use in food processing plants/areas where exposure to animal fats, greases, and oils are common.



Anti-Static: Formulated to absorb static electricity.