



Safety & Comfort for Standing Workers

Ergonomic, Safety & Anti-Fatigue Matting





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Introduction



Notrax® offers the perfect solution for improving safety and comfort for standing workers because, like no other producer of mats, we understand the difference of perception of workers as well as the varieties of workplace conditions that exist as well as the variety of workplace designs for individual work benches, to large assembly lines or complex manufacturing work stations.

Workplace environments can vary from dry areas to wet or extremely oily areas. Plus, specialized industries may need additional properties such as fire retardant matting for welding, static dissipative matting for electrostatic discharge (ESD) protection, or anti-microbial for food industry applications.

Notrax® matting is designed take the physical size and preferences of the worker into account to provide the right balance between softness for comfort hardness for stability and traction for anti-slip while allowing freedom of movement. Notrax® matting is available in standard sizes, linear lengths, rolls, interlocking modular systems, and custom sizes in any form or shape that you can imagine. That is the advantage of working directly with the manufacturer.

Anti-fatigue mats

 **How matting works**

 **Mat design and materials**

 **Anti-slip mats**

 **Specialized applications**

 **Selecting the right mat**

Recognizing the symptoms

Long term symptoms could lead to musculoskeletal disorders (MSDs).

Fatigue and pain in back and lower limbs. 80% of workers have problems relating to their feet, legs and back. These problems are highest for workers standing more than 4 hours per working day. A correlation exists between these complaints and general worker fatigue.

Slip, trips and fall incidents. 20% of work related accidents are caused by slips and falls. Worker injuries could result in absenteeism, decreased productivity or even liability claims.

Absenteeism

Absenteeism, especially long-term absenteeism, has a negative impact on labour costs and results.



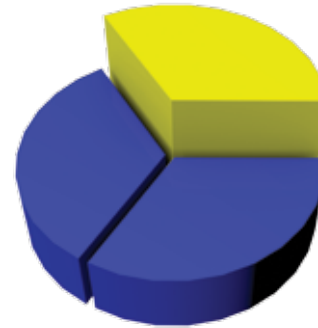
Benefits of anti-fatigue and safety mats



50%
REDUCTION

Tiredness and discomfort are reduced by 50% in comparison to hard floors and the risk of slips and falls is virtually eliminated.

There is good reason to believe that reduction of fatigue also reduces the number of accidents and improves general work efficiency.



1/3
ABSENTEEISM

Absenteeism is reduced by 1/3.

There are fewer days lost to injuries, fewer medical claims and compliance with health and safety regulations.



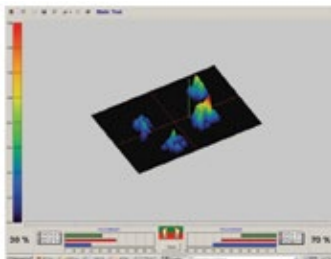
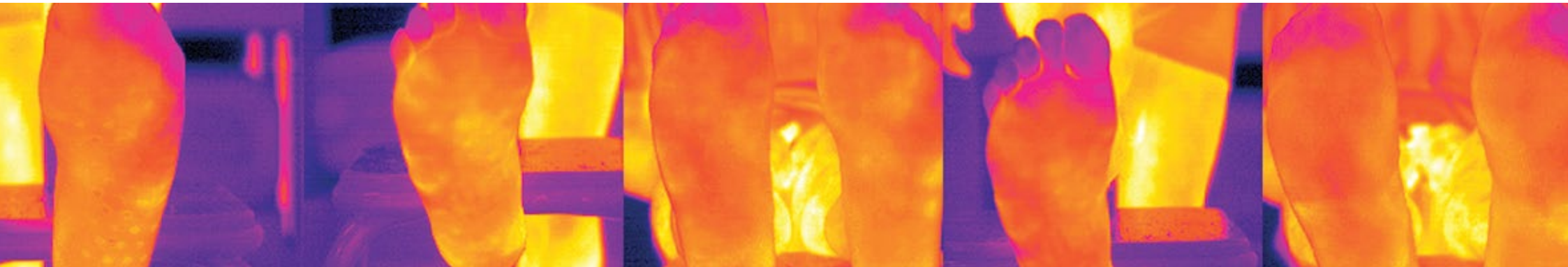
24/7
PRODUCTIVITY

Productivity is maintained throughout the working day.

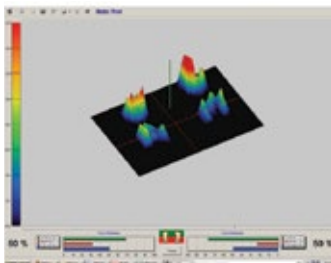
A good rule of thumb is that 1 minute per day in the workplace is worth roughly € 100 per year. Thus 5 minutes of lost time due to decreased productivity per day due to fatigue is worth: € 500.

Experts agree that matting can significantly improve productivity and employee satisfaction while reducing absenteeism and chronic illnesses related to long-term standing.

Scientific support



Without a mat



With a mat

A peer-reviewed study by Prof. Dr. Redha Taiar at the University of Reims in France illustrated how human mechanics in a working environment are impacted through the use of anti-fatigue mats.

Two causes of fatigue

By observing and measuring foot pressure for employees standing for long periods, Prof. Taiar was able to identify two causes of fatigue and therefore a two-pronged approach in combating the musculoskeletal disorders associated with long-term standing.

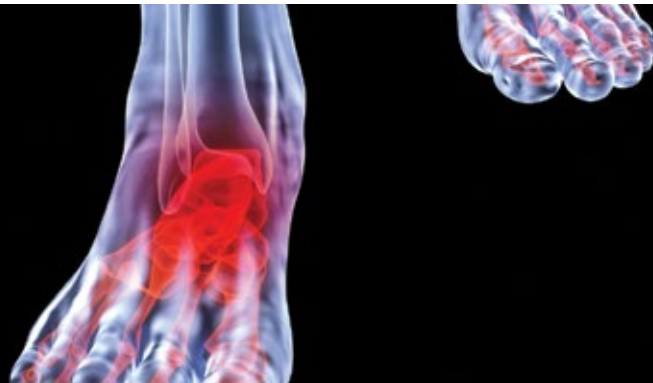
Without a mat:

Without a mat there is a dysfunction in the balance of the person. This imbalance is very harmful for the body. Stagnation of blood circulation in the lower extremities causes fatigue and lower limb disorders.

With a mat:

Cushioning effect stimulates continuous micro movements minimizing blood pooling in the legs. Ergonomic design corrects balancing of the body. This reduces pains and discomfort substantially.

Advice



Vary foot pressure while standing

Firstly, the worker must initiate a variation in foot pressure to improve the upright standing position. This top down approach helps to eliminate the build-up of pressure points on the feet (Cinderella fibres). To achieve this, his advice to workers is to regularly change the pressure point inside the shoe.

Restore balance with an anti-fatigue mat

Secondly, by using anti-fatigue mats made from the latest technological materials. This bottom up approach helps to eliminate pressure points from the floor by spreading weight evenly. The use of anti-fatigue mats corrects balance and restores uniform distribution between the right and left leg.

Available resources:

- Summary Booklet “Standing Smart”
- Presentation “Standing Smart”
- www.slideshare.net/NotraxEurope/notrax-ergonomic-antifatigue-safety-matting
- Article “Standing Smart”
- Full Research Report “ Standing Smart”
- AHFE Peer-Reviewed Published Scientific Paper





Advice

7 Tips for standing with good posture

Position your feet properly to balance your weight

- Your feet should be about shoulder-width apart.
- Plant your feet into the ground, and twist them slightly outward, this will give the arches of your feet more support

Engage your core

- The muscles in your abdomen are the core of support for your body. Flex your abdominal muscles slightly to engage the muscles to support you.

Align your spine and hips

- You should keep your spine and hips neutral, keeping them in line with your neck.
- Roll your shoulders back naturally and let your arms fall by your sides. (Don't stick your chest out too much, you aren't a pigeon, and don't forcefully curve our spine!)

Vary your standing position

- Alternating your standing position while maintaining good posture is important to avoid fatigue.
- Vary foot pressure at intervals in order to alternate use of your muscles by shifting your weight onto your toes, heels, and the inside and outsides of your feet.

Position your anti-fatigue mat correctly

- An anti-fatigue mat stimulates very subtle movements in your muscles to keep you balanced. This muscle engagement keeps the blood flowing through your lower limbs increasing circulation which reduces fatigue whilst reducing pressure in your feet.
- Make sure that you are standing fully on our anti-fatigue mat and it is flush with your work space.

Choose the right footwear

- To ensure you have maximum comfort it is important to choose your shoes wisely.
- Make sure you stand in footwear that is comfortable, flexible and provides good arch support if you need extra (read: no high heels).

Switch it up

- It is recommended that you vary between sitting, standing, and moving as much as possible and that you never stand uninterrupted for more than 1 hour at a time.
- You should take regular breaks by going for walks, even around the office is enough, and by having a seat nearby so that you can take a rest occasionally.

● Anti-fatigue mats

● **How matting works**

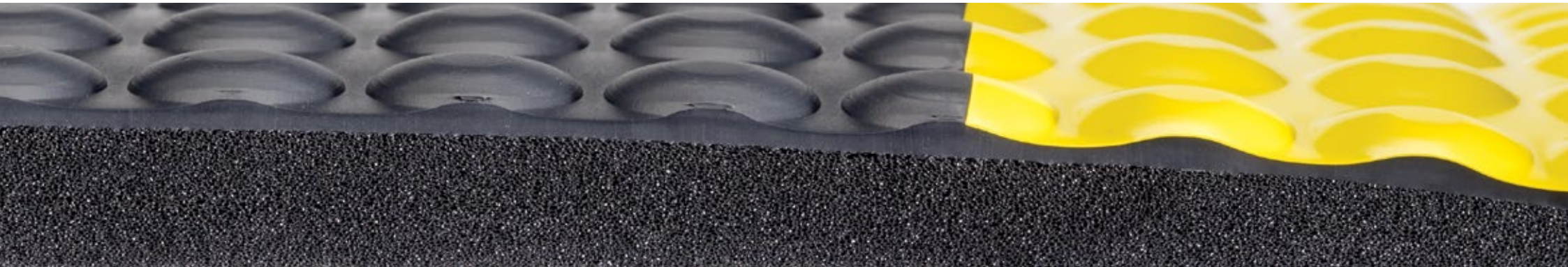
● Mat design and materials

● Anti-slip mats

● Specialized applications

● Selecting the right mat

How matting works



Material and design influence comfort and balance.

Cushioning effect stimulates continuous micro movements. Anti-fatigue mats are engineered to make the body naturally and imperceptibly sway, promoting blood flow.

Ergonomic design spreads weight and corrects balance. The use of an anti-fatigue mat enables correct balancing and a uniform distribution between the right and left leg.

Slip resistant surface prevent slips and falls. While the anti-slip function is important, it is also important to watch the worker's freedom of movement, such as easy twist turns.

Bevelled edges prevent tripping on the mat.

Safety ramps allow easy access on to and off of the mat surface. Highly visible yellow safety borders comply with OSHA safety code.

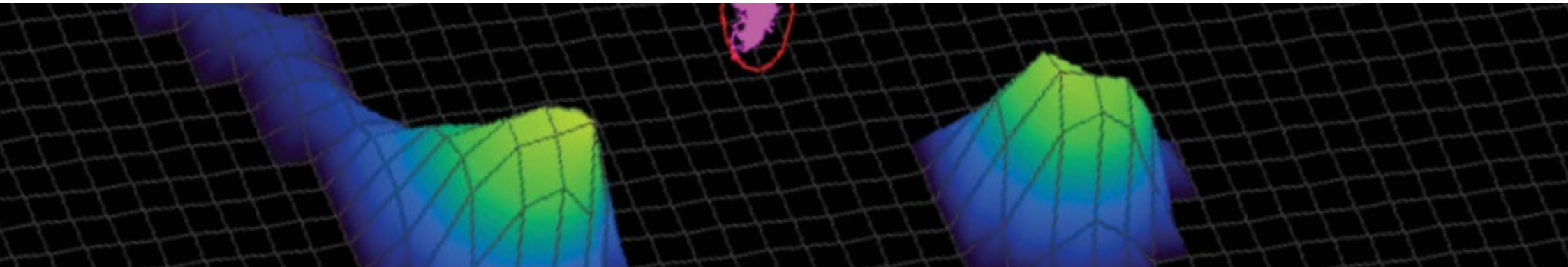
Insulation improves worker comfort and wellbeing.

Matting serves as an insulating barrier protecting workers from the hard surface, cold floors, vibrations, moisture and sound.

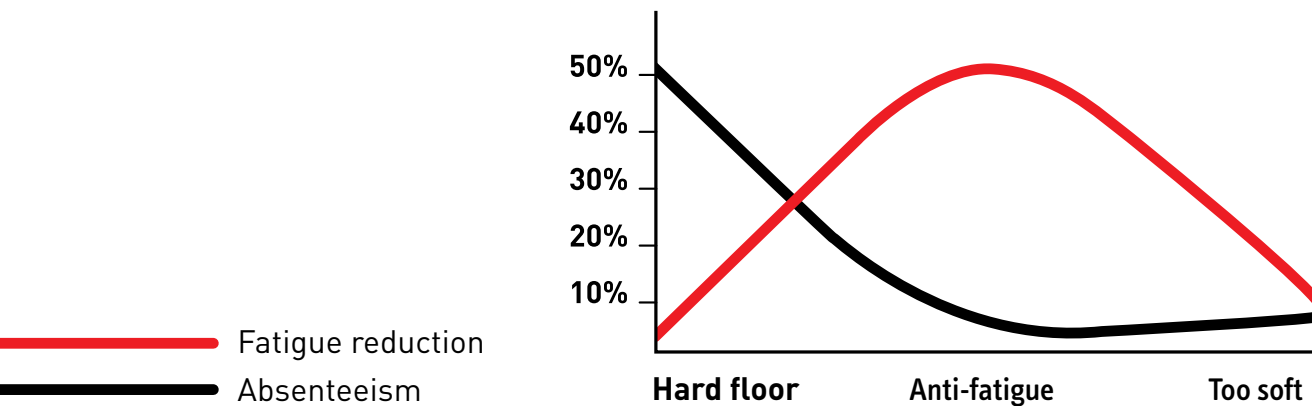
Matting protects flooring from damage.

Mats cushion the fall of fragile products, tools and other objects. Mats also protect the floor from these falling objects.

Factors that influence safety and comfort



The effects of standing on anti-fatigue matting versus hard or too soft floors

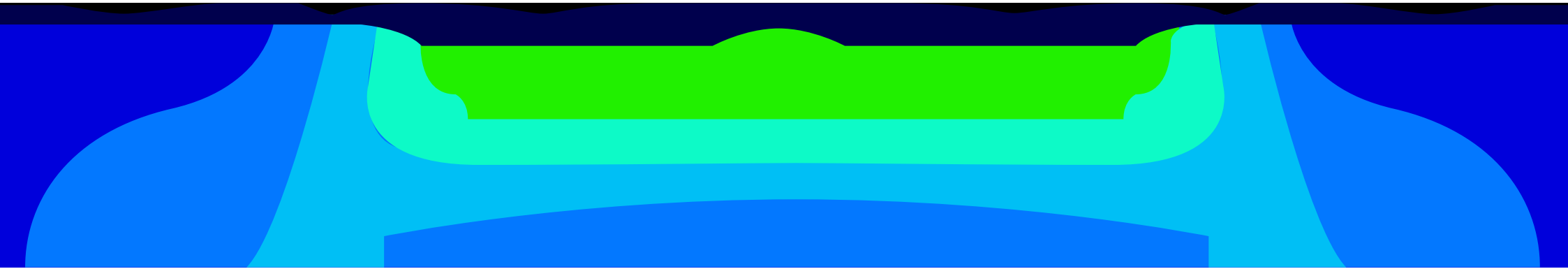


The physical size of the worker, and their own preferences as to what is comfortable will result different mats being selected. A person weighing 90 kg may prefer a different mat than someone who only weighs 60 kg.

The softness/hardness may also affect the worker's freedom of movement. Think of it like jogging on the beach as an extreme example of this concept. Too much cushioning can have a negative effect. Too great an amount of softness or "give" will actually cause excessive fatigue because it overworks the muscles.

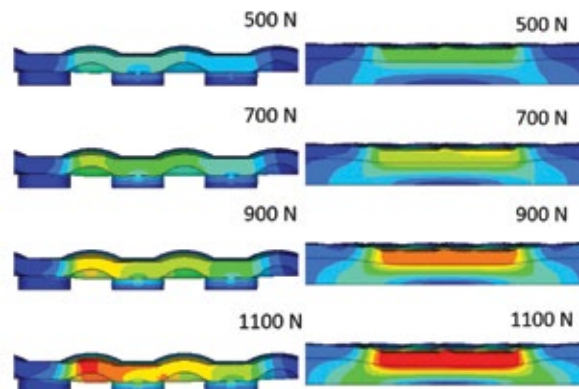
- Anti-fatigue mats
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New research studies the impact of mat design and material on worker comfort



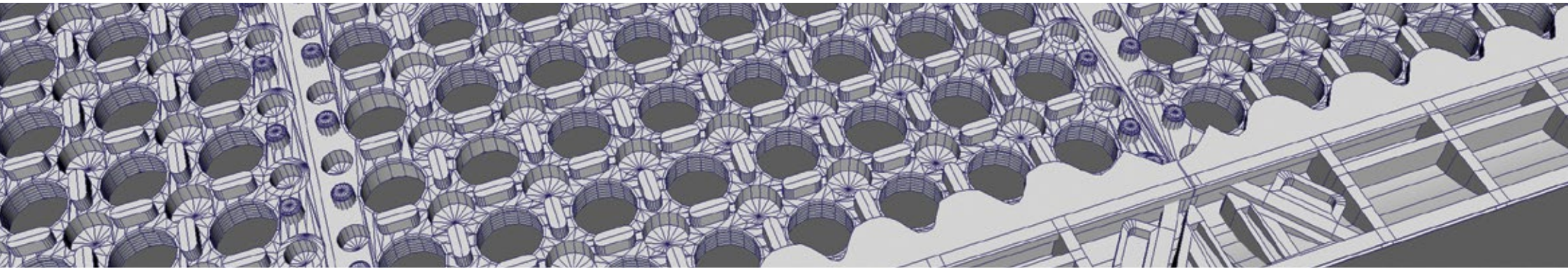
Mat compression illustrated on a range of Notrax® anti-fatigue matting made of natural rubber vs. foam with a 110 kg weight.

Prof. Dr. Redha Taiar expanded the research on anti-fatigue matting in 2015 by studying the reaction of the material and range of the displacement when subjected to weights varying from 50 kg to 110 kg using numerical modelling to compare and analyze the displacement and Von Mises stresses.



Models were developed using the Abaqus software. Numerical analysis was performed in two steps. The first step was to apply a 600N force normal to the surface on a 50x50mm area at the sample center. Displacement and Von Mises stresses were analysed on each surface. The second step included the application of a force normal to the surface 500-700-900-1100N (50 kg to 110 kg) magnitude. Displacement was analysed according to the applied load. The reaction of the mat was influenced by such factors as the type of material, composition, density, the surface pattern and the engineering of the product.

Impact of material, engineering and design



The results show the impact that the type of material and design has on the compression and dispersion of weight (energy).

A higher dispersion of weight is better suited for static standing positions compared to a high potential stored energy or rebound effect which is easiest for walking and movement.

Conclusions

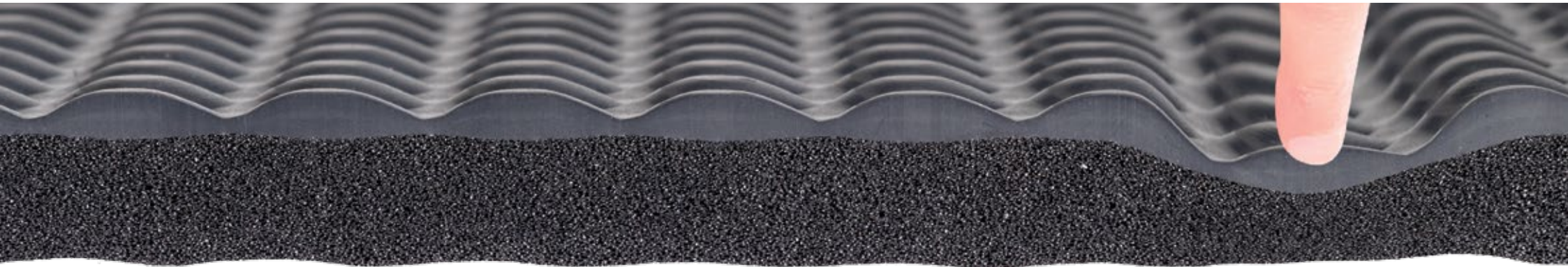
This study showed that the composition of the material and surface pattern significantly influences the mechanical behaviour of the mats. Some mats' conceptions are very deformable against a load, while others allow normal load and transverse deformations. It is suggested that mats with high

potential stored energy, will be easiest for walking and movement, whereas mats with a high absorption and displacement of the weight will be easiest for static positions since they will offer high comfort for small variations of movement.

Available resources:

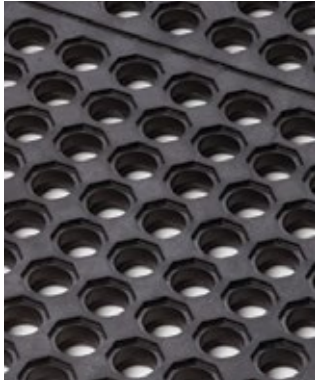
- Article "Dynamic Standing"
- AHFE Peer-Reviewed Published Scientific Paper

Impact of mat surface



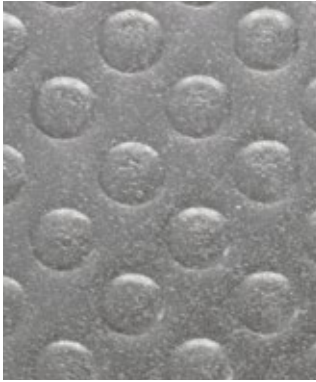
Weight displacement illustrated on a range of Notrax® anti-fatigue matting made of the same material and density. The results show the impact that the mat surface has on the absorption and dispersion of weight (shock attenuation).

Available mat surfaces



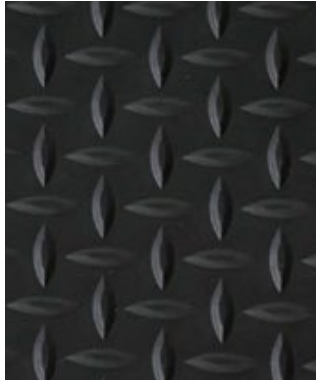
Open Holes

Drainage holes and raised studs provide aeration and allow fluids and debris to fall through, leaving a dry and tidy top surface as well as increase slip resistance for wet or oily environments.

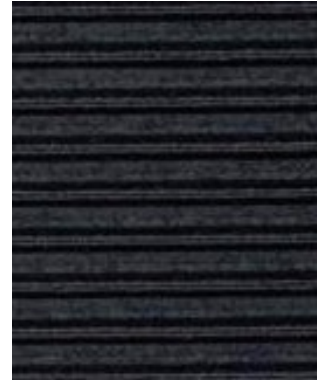


Ergonomic bubble

Stimulates blood flow and corrects balance to prevent fatigue in standing workers especially in stationary positions.



Diamond plate or deck plate has an industrial look with a non/directional pattern that allows freedom of movement and easy twist turns.



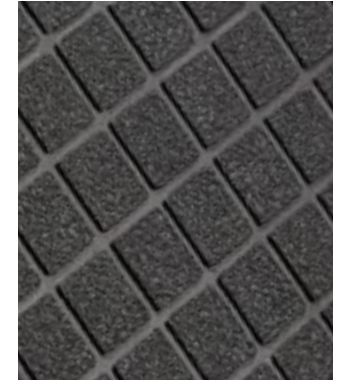
Ribbed patterns

widthwise or lengthwise offer sure footing and are easy to clean.



Pebbled patterns

have a level and uniform surface provide traction and are easy to clean.



Diamond Grid™

gritted diamonds with deep grooves and is extremely durable.

Various materials and compounds



Notrax® industrial matting is manufactured to withstand harsh industrial environments.

In order to achieve this, our modular mat solutions are manufactured in specialized compounds to meet the distinct needs of various industrial or production environments.

This variation in compounds allows companies to select only the specialized product characteristics needed such as oil resistance, ESD electro static discharge protection, fire retardant matting for welding areas, or a combination thereof. This keeps matting for general applications affordable while offering extremely specialized matting solutions.

The compounds connect seamlessly for easy transitions. The Notrax® product stamps clearly mark each mat with the product number and compound characteristics making it easy to distinguish between the various rubber compounds.

Rubber compounds



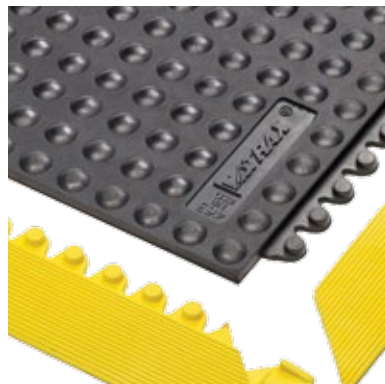
NR: Natural Rubber

Natural Rubber. For general purpose. Superior elasticity for maximum comfort.



NBR: Nitrile Rubber

Nitrile rubber is the trade's word used for Acrylonitrile Butadiene Styrene, also known as NBR. It's a synthetic rubber characterized by its high tensile strength and property retention after exposure to heat, oil and chemicals.



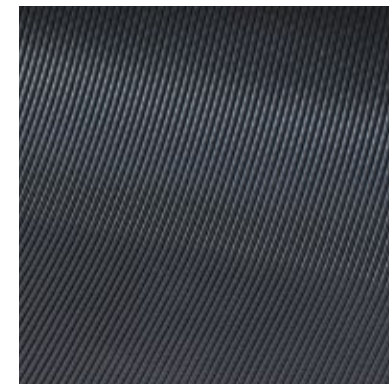
ESD: Static Dissipative Rubber

Static dissipative rubber compound that meets the IEC61340-4-1 (category DIF) requirements with a measured resistance of $R_g 10^6 - 10^9 \Omega$. The entire compound is static dissipative, not just the surface, which makes it more effective. Available in natural rubber, nitrile rubber, and fire retardant compounds.



Fire retardant rubber

compound with a Bfl-S1 fire classification according to EN 13501-1. This compound is also resistant to most industrial oils and is suitable for welding areas.



SBR: Styrene Butadiene Rubber

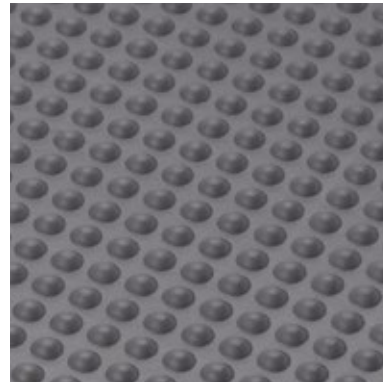
SBR stands for Styrene Butadiene Rubber. It is a synthetic rubber that can be compounded to provide very fine abrasion, wear, and tensile qualities.

Plastic compounds



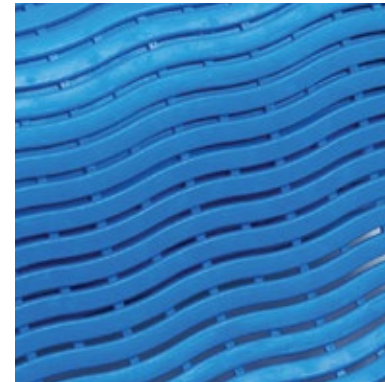
PVC

PVC (Polyvinyl Chloride) is a plastic compound used to manufacture a variety of end products. PVC is known for its durability, moisture resistance, versatility and its ability to withstand harsh environments. Free of toxic DOP and DMF.



Polyurethane

Polyurethane polymers are formed by combining two bi- or higher functional monomers. Polyurethane foam is reputed for its ultimate comfort and longevity properties. Its key characteristic of high thermal insulation performance is owed to a uniform closed cell structure wherein gas remains trapped.



Polyethylene

Polyethylene is a thermoplastic polymer. It is light, durable, supportive and comfortable.

Types of workstations



Working environments and conditions vary for different companies and different industries. Planning an effective plant layout can increase efficiency and reduce cost.

Notrax® has created several modular, linear and standalone anti-fatigue matting series that are completely customizable and can be adapted to any plant layout. This also reduces fatigue, increasing productivity and reducing the risk of musculoskeletal disorders that lead to long term absence.

Many factory or assembly plant layouts have been traditionally designed for high worker and machine utilization. As technology, product developments and the market are changing so rapidly, layouts are being redesigned for quality and flexibility, the ability to quickly shift to different product models or to different production rates.

Many facilities have moved towards cellular

manufacturing layouts within larger process layouts, automated materials-handling equipment, especially automated storage and retrieval systems, automated guided vehicle systems, automatic transfer devices, turntables and other product to person solutions. U-shaped production lines allow workers to see the entire line and easily travel between workstations. This shape allows the rotation of workers among the workstations along the lines to relieve boredom and relieve work imbalances between workstations.

Additionally, teamwork and improved morale tend to increase because workers are grouped in smaller areas and communication and social contact are thereby encouraged by more open work areas with fewer walls, partitions, or other obstacles to clear views of adjacent workstations.

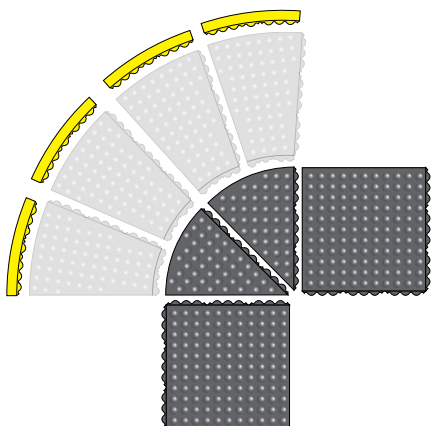
In many of these layouts, the worker's scope of work is limited to direct surroundings, along an assembly line or along a U-shape. Workstation ergonomics have therefore become even more important as work has become more specialized and repetitive.

Custom-size matting



Functionality

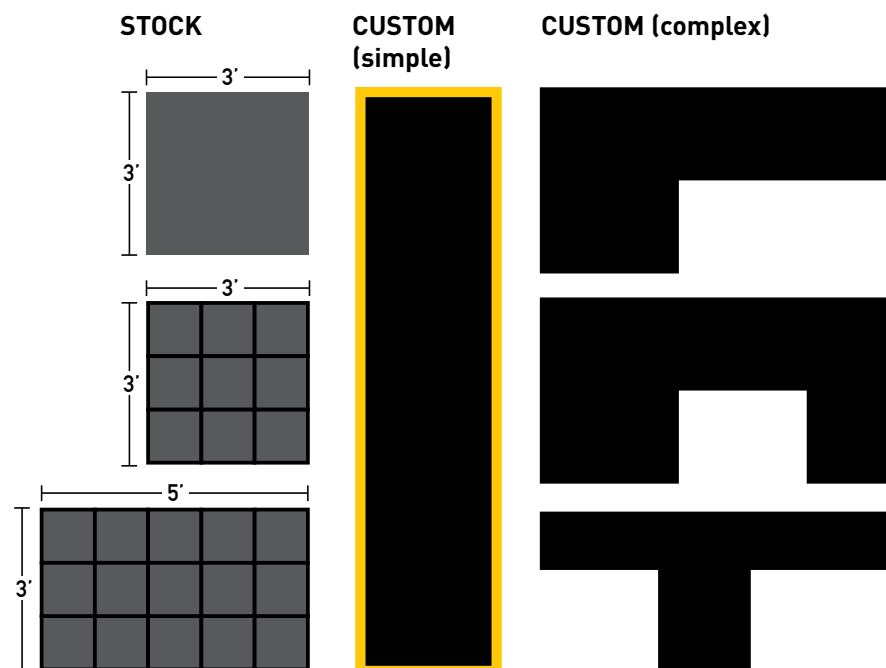
All modular matting can be used as a freestanding mat or customized into just about any size to fit specific areas, around machinery or following assembly lines to create the most efficient and effective layout while ensuring the most efficient and ergonomic work station for workers. Modular mats can be easily assembled on-site with snap together units that can be assembled in any shape or form, even wall to wall configurations. Matting is also equipped with a tooled grid of cutting lines that makes further customization quick and easy. Custom configurations are tailor-made matting solutions that are made by our experience production team exactly to your design and dimensions.



Accessories

A complete line of accessories including curved mats for corners and circles, bevelled safety edges in various colours, line markings for safety zones, boundaries or walkways, and specialized ESD grounding accessories, etc. finish off the matting installation.

Custom-size matting



Guide for ordering custom-size matting

- Custom-designs for any specific work station are possible.
- To order, download custom mat request form to provide a sketch that illustrates the shape, dimensions, and where the ramps or bevelled edges are required.
- Our design team will send a 3-dimensional drawing for approval.
- Oversized mats are made in sections that interlock on site, to facilitate shipping and handling.

Available Resources:

- Notrax Custom Mat Request Form
- Gallery of 3-dimensional designs
- Video of 3-dimensional design

- Anti-fatigue mats
- How matting works
- Mat design and materials
- **Anti-slip mats**
- Specialized applications
- Selecting the right mat

Anti-slip mats



Slips and falls are responsible for 20-30% of long-term absence. Nearly 30% of same-level falls result in more than 21 workdays lost and loss of productivity is often an unfortunate side effect.

Four main causes of slip accidents

- Wet surfaces due to excess water or fluids
- Slippery dry surfaces due to built-up dust or debris, e.g. sawdust
- Obstructions both temporary and permanent
- Uneven surfaces such as changes in levels or unmarked ramps.



Anti-slip mats



Anti-slip mats increase traction. Wet sources of contamination include water, oils, grease, and soap from cleaning solutions. This can be addressed by increasing traction through footwear and slip resistant matting.

Matting provides fatigue relief, slip prevention and insulation. Matting serves as an insulating barrier protecting workers from the hard surface, cold floors, vibrations, moisture and sound.

Standard or custom sizes for every workstation.

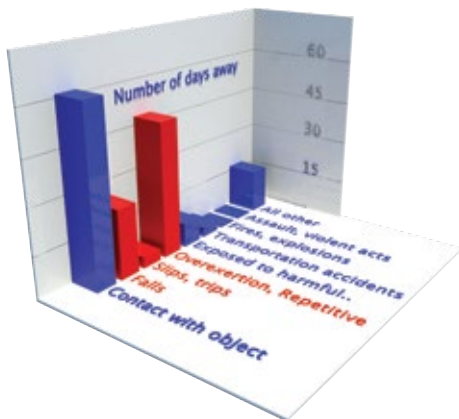
Anti-slip matting includes standalone mats for individual workstations, linear lengths for production lines or streets, and modular solutions for large custom configurations.

Various materials and compounds. Matting is manufactured in specialized PVC or rubber compounds for specific industrial environments e.g. general purpose, oil resistant and fire retardant for welding areas.

Open structure with anti-slip surface. Open structure with drainage holes or channels remove liquids and debris to keep the surface clean and clear. Surface pattern provides traction for sure footing.

Bevelled edges prevent tripping on the mat.

Safety ramps allow easy access on to and off of the mat surface. Highly visible yellow safety borders comply with OSHA safety code.

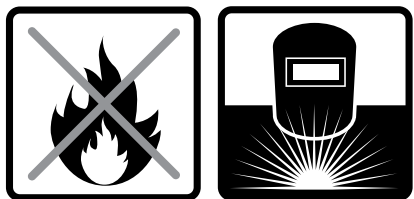


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Welding



Notrax® matting solutions are manufactured in specialized compounds to meet the distinct needs of various industrial environments.

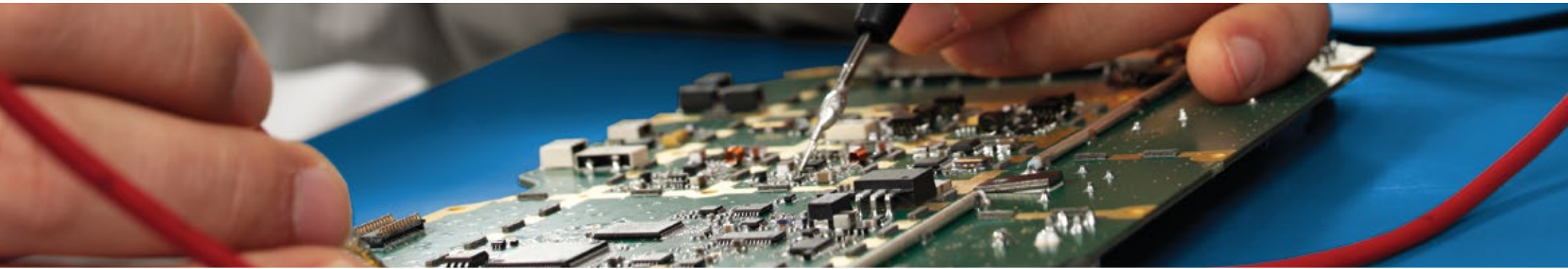


Welding mats are made of durable fire retardant rubber compounds and can be used in areas where welding takes place.

Welding mats are made from a 100% nitrile rubber compound and tested and certified fire rating of Bfl-S1 tested according to EN 13501-1. The nitrile rubber compound is also resistant to most industrial oils and suitable for welding areas.

The Notrax® product stamps clearly mark each mat with the product number and compound characteristics making it easy to distinguish between the various rubber compounds.

Electrostatic discharge (ESD) solutions



Static dissipative matting is specially formulated to drain static electricity from workers, avoiding unpleasant static shock while safeguarding equipment.

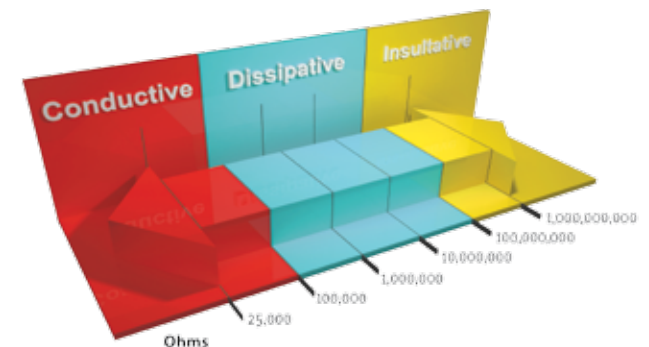
People are one of the prime generators of static electricity. The simple act of walking around or even sitting on certain types of stools can generate several thousand volts on the human body.

Sensitive components can suffer unseen damage due to static. With the increased use of smaller, more sophisticated hardware, these components more vulnerable to damage from static shock.

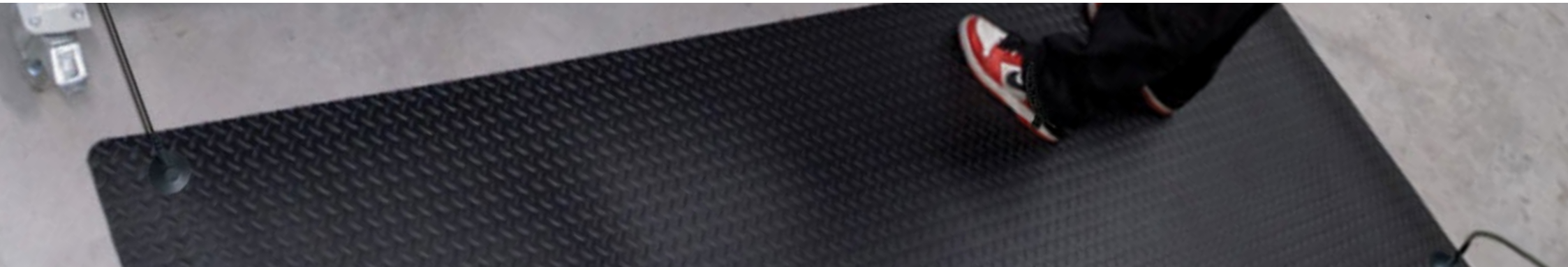
ESD Matting is static dissipative between $10^6 \Omega$ - $10^9 \Omega$
Static dissipative mats discharges more slowly and in a somewhat more controlled manner than with conductive materials. To achieve an ESD protective work area, all conductors, including personnel, must be grounded.

ESD rubber flooring is most effective.

ESD rubber flooring has been cited by MIT Lincoln Laboratories as most effective protection regardless of footwear. ESD anti-fatigue matting offers ergonomic benefits for standing workers as well as ESD protection.



Electrostatic discharge (ESD) solutions



To achieve an ESD protective work area, all conductors, including personnel, must be grounded.

Functionality

ESD matting is available as standalone mats for individual workstations, linear lengths for production lines or streets, and modular solutions for large custom configurations.

Solid anti-slip surface

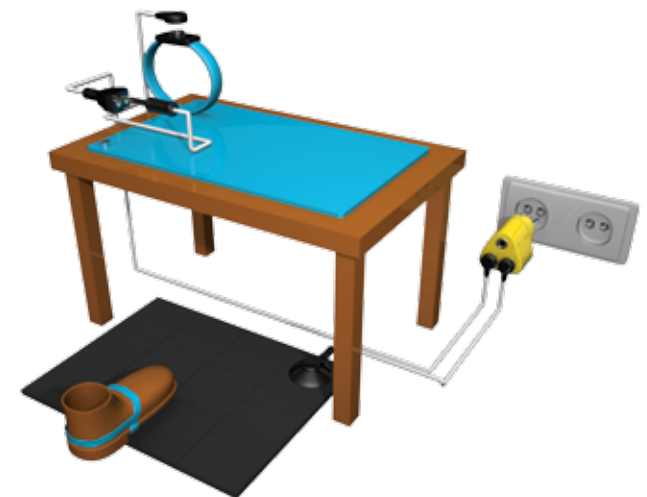
Surface pattern provides traction for sure footing. Closed design ensures easy cleaning and prevents small items from falling under the mat.

Bevelled edges prevent tripping on the mat.

Safety ramps allow easy access on to and off of the mat surface. Highly visible yellow safety borders comply with OSHA safety code.

Accessories

A full range of ESD accessories are available including table mats, shelf liners, grounding plugs and cords, wrist bands, heel grounders and ESD mat cleaner.



Switchboard matting



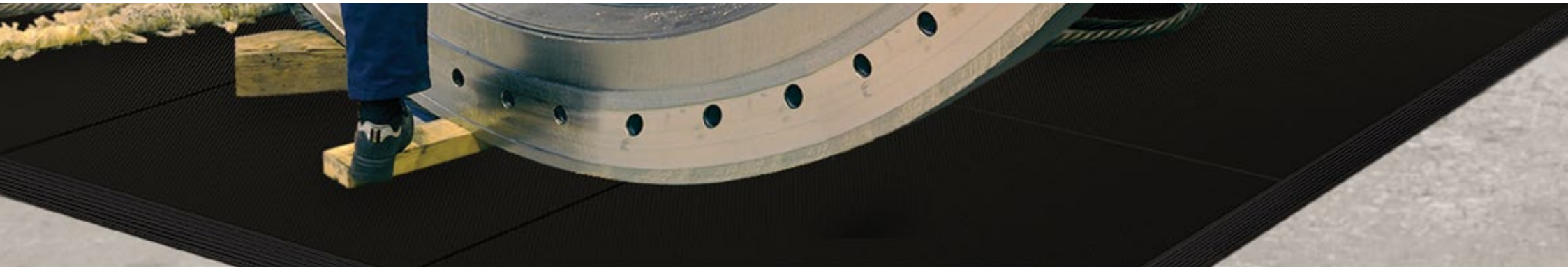
Insulating matting prevents workers from being “grounded” and provides safety in case of electrical shock.

Electrical Safety Solutions

Switchboard mats can be used in dry environments in front of high voltage boxes, electrical fuse boxes, and transformers. As well as around electric sub-stations, transformers and switches, electrical panels, engine and generator rooms. The corrugated saw-tooth top surface provides increased traction and is easy to sweep clean.

Non-conductive switchboard mats are designed to provide insulation for the worker. Made from a PVC compound, the mat prevents the worker from being grounded, thereby eliminating the possibility of electrical shock. Top surface with corrugated rib pattern, enhances traction and is easy to sweep clean. Underside has fabric impression. Must be replaced every 12 months for optimum safety.

Shock absorbent matting



Durable protection mats protect both floors and heavy equipment from damage.

The thick platform can withstand heavy weights while the nonslip textured top surface ensures sure footing and freedom of movement.

Made of tough rubber compounds that make the mats virtually indestructible. Free of DOP, free of DMF, free of ozone depleting substances, free of silicone and free of heavy metals.

Recommended uses:

- Heavy duty - dry areas for storage of heavy industrial equipment such as mould tools and engine blocks. Also suitable for gyms, weight rooms, skating rinks, golf courses, trailers and stables.

Kitchen matting



Slips and falls are responsible for 20 to 30% of the accidents that cause long-term interruption of work.

Increasing safety

According to the National Floor Safety Institute and the U.S. Department of Labor, more than three million food service workers have a slip-and-fall accident every year. This is costing the food service industry more than \$2 billion annually.

Anti-fatigue

The OSHA (Organization for Safety & Health Administration) cites “prolonged standing and repetitive or prolonged motions such as reaching, lifting, and chopping while preparing food in food preparation areas as one of the hazards for kitchen workers. Static postures may occur as workers continuously stand in one position while chopping or

preparing food, causing muscle fatigue and pooling of blood in the lower extremities.

Well-being

Kitchen workers often work in areas with extreme temperatures. Factory floors, particularly in the food processing industry, are often cold and wet. Floor mats elevate standing workers from cold floors. This helps keep their feet warmer thereby improving the overall perception of well-being.

Sanitation

The first step in kitchen hygiene is preventing contaminants from entering. All workers should enter under conditions that prevent, eliminate or reduce contamination.

Notrax® floor mats are manufactured from durable nitrile rubber compounds that resist exposure to vegetable oils and grease.

Hygienic anti-slip mats



One of the most common causes of swimming pool accidents is slips and falls.

Why hygienic mats?

Communal sports and leisure environments, which are rarely regulated by health authorities, are ideal breeding areas for bacteria that spread infections.

Why also anti-slip?

In and around shared changing rooms, locker rooms, swimming pools and showers are a slip hazard with wet, slippery and cold floors. Plus, the use of shampoos, soaps and oils often compound this problem.

Why Matting?

Anti-slip materials do not last forever. Coated anti-slip flooring can become clogged even after cleaning due to an accumulation of microscopic residual stains (oils, protein, grease).

Notrax® Hygienic Matting Solutions

Notrax® has expanded the selection of hygienic mats to be able to offer a full range of heavy, medium and light duty matting products. Their unique design allows not only instant drainage and slip resistance, they also prevent growth of micro-organisms which cause skin disease.

- Anti-fatigue mats
- Anti-slip mats
- How matting works
- Mat design and materials
- Specialized applications
- **Selecting the right mat**

Product testing chart



Wear resistance

Indicates the time it takes for a mat to lose its functionality. This is an accelerated wear test where the results are expressed in total weight loss of material when subjected to 5000 cycles under an abrasion wheel. The higher the pointer in the test chart, the greater its resistance to wear.



Slip resistance

Indicates the slip resistance of a mat. This test measures the force required to cause slippage of a load across the surface material. The coefficient is the ratio of force required divided by the weight. The higher the pointer in the test chart, the greater the coefficient of friction ratio, thus the better the slip resistance of a mat.



Anti-fatigue

Indicates the degree of comfort a mat provides. This test starts by measuring the original thickness of a mat. Then compression is applied and the thickness under this load is measured again. The difference between the two measurements is called deflection. The higher the pointer in the test chart, the better its anti-fatigue properties.

Our Product Testing Charts show the following relative comparisons between the mats:

Product Testing



Pictograms



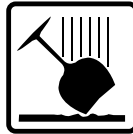
Anti-Fatigue

Matting that alleviates foot pressure, stimulates blood circulation and helps reduce stress on the lower back, leg joints and major muscle groups.



ESD

Matting formulated to absorb static electricity. Avoids unpleasant static shock and safeguards equipment.



Protection

Absorbs impact, reduces breakage and protects floors.



Heavy Duty

Recommended for heavy duty use in industrial environments.



NFSI®

Tested and certified by the National Floor Safety Institute.



Cold Resistant Material

can withstand freezing temperatures.



Anti-Slip

Matting designed to provide added traction through aggressive surface patterns and textures.



Fire Retardant

Matting designed to resist the spread of fire and withstand heat, substantiated by test certifications from independent laboratories.



Non-Conductive

Matting formulated to provide insulation to protect workers in case of electrical shock.



Medium Duty

Recommended for medium duty use in industrial environments.



NSF

Tested and certified by the National Sanitation Foundation for grease and oil protection and durability.



Grease and Oil Resistant

Matting that is suitable for use in contact with vegetable oils and animal fats.



Oil Resistant

Matting suitable for contact with industrial oils.



Grip Step®

Coating for extra adherence in extremely slippery areas. Slip resistance up to R13 according to DIN 51130.



Wheeled Access

Matting suitable for wheeled access (i.e. carts).



Light Duty

Recommended for light duty use in industrial environments.



RedStop™

This uniquely engineered technology virtually eliminates the slipping and sliding of mats.



Barefoot

Pleasantly soft and warm under bare feet.



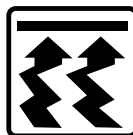
Welding

Made of durable fire retardant rubber compounds. These mats can be used in areas where welding takes place.



Drainage

Open construction matting allows for liquids and debris to pass through, providing secure footing in a wet environment.



Insulation

Against cold, heat, vibrations and noise. Matting elevates standing workers from cold/wet floors, which keeps their feet warmer thereby improving overall perception of wellbeing.



Modular System

Interlocking mats allow on-site customization with snap together units that can be assembled in any shape or form, as standalone mats or wall-to-wall configurations.



MicroStop™

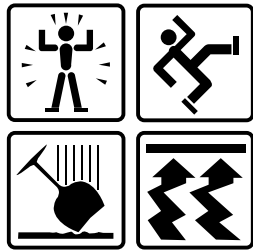
Antibacterial treatment inhibits the growth of micro-organisms such as bacteria and fungi that can cause odour, stains, and product deterioration.



Cleaning

Suitable for cleaning with high pressure (hot) water jet.

Ask 5 questions



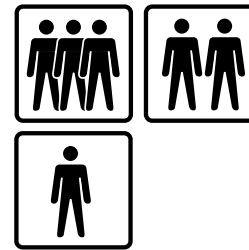
1. What is the problem or benefits sought?

Selecting the right mat is foremost based on determining the suitability of the product to solve the problem identified. Ergonomics and fatigue relief, the desire to reduce slip and falls, provide relief from cold/damp conditions or protect flooring.



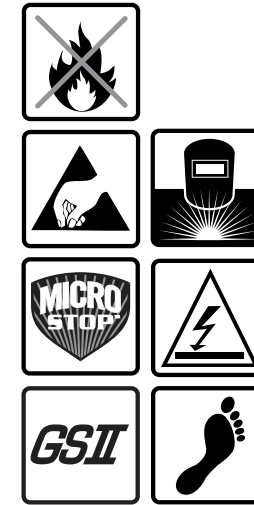
2. What type of environment?

From standard dry or wet environments, the environmental elements will determine the choice of material to ensure the mats can resist incidental or constant oil, grease or chemical exposure present in the workplace.



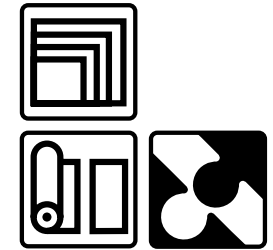
3. What is the intensity of application?

Notrax® industrial matting is manufactured to withstand harsh industrial environments. Matting is recommended for heavy duty industrial use, medium duty industrial or commercial use, and light duty use.



4. Are there any special needs?

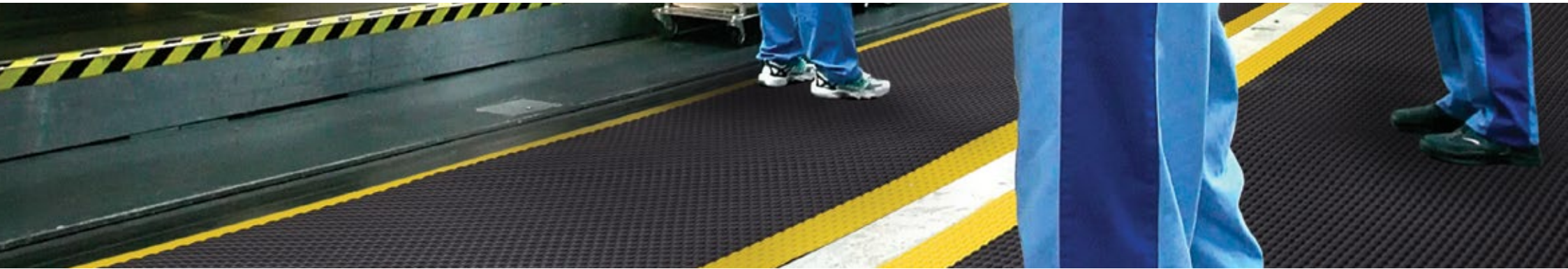
Notrax® mats are manufactured in special compounds to meet specialized applications such as fire-retardant, welding, static dissipative, isolative or anti-microbial.



5. What type of installation?

Working environments and plant layout can vary for different companies. Matting includes standalone mats for individual workstations, linear lengths for production lines or streets, and modular solutions for large custom configurations.

www.notrax.eu



Notrax® is the market leader in ergonomic, anti-fatigue and safety matting, visit our website to learn more about how standing at work affects you.

