Engineered for Work.®
Ergonomic Chairs & Mats
NSS® Enterprises, Inc. has been a Toledo, Ohio-based manufacturer since 1911, and employs over 160 people. With three facilities in the US, Europe and Asia, and sales in 60 countries, the primary business is as a manufacturer of electrical and battery powered equipment for commercial and industrial applications. NSS is privately owned and operated, expanding its efforts with the formation of the Milagon Division.

The focus of the Milagon Division is the growing need in the industrial workplace to improve worker health, comfort and productivity through ergonomics. By integrating high-tech ergonomics, quality materials, craftsmanship and rugged durability, Milagon produces the highest quality ergonomic seating and matting systems available for the commercial and industrial workplace.

Thank you for choosing Milagon, where our Seating and Matting Systems are Engineered for Work®.

**WORKSEATS® Technology**

Chairs from Milagon feature Workseats Technology®:
The ergonomic combination of form and function that fuses unmatched comfort, rugged durability and aesthetics into the seating systems that we produce.

**WORKMAT® Technology**

Mats from Milagon feature Workmat Technology®:
The blend of scientific design and materials that produces truly ergonomic anti-fatigue matting systems that reduce the cumulative trauma disorders commonly found in the standing workplace environment.
Ergonomics

Health & Prevention
CORRECT SEATING THAT PREVENTS HEALTH DAMAGE

Millagon chairs facilitate *dynamic sitting* due to their ergonomic design. Frequently changing the sitting position reduces one-sided and unhealthy strain on the muscles and spinal column. The spinal column takes on its natural S-shape and spine and muscles relax. This improves blood circulation and nutrient supply. The spinal column can regenerate, and concentration and efficiency increase.

**BACKREST TILT**
Contact pressure (variable)
-10° to 10°

The backrest is mounted in a pendulum bearing and offers permanent and variable backrest contact pressure.

Following the movements of the upper body, it can be adjusted according to weight. Therefore, the spine is effectively protected and the ergonomically required “dynamic sitting” is supported. The backrest can also be locked at any tilting angle.

**HEIGHT ADJUSTMENT**
For the Backrest & Seat

Smooth height adjustment is accomplished by means of a safety gas pressure spring. The height and the tilting angle of the backrest can be infinitely adjusted by using the bracket.

**SEAT TILT**
-4° to 10°

The backrest can also be locked at any tilting angle. The variable seat cushion tilting angle of -4° to +10° allows the optimum body opening angle of at least 90° to be retained in any working position. Compressive stress in the thigh area is reduced and uniform blood circulation is provided.
AN ERGONOMIC WORKPLACE

Improper seating can have a detrimental effect on a worker’s health and motivation. It also reduces productivity, leads to a higher than average probability of industrial accidents and reduces product quality.

Milagon WORKSEATS® provide for precise adjustment of seat tilt, seat height and back support. This gives each worker the ability to adjust the seat to their body posture, thus, minimizing physical strain and injuries. All adjustment options can be executed while the operator is seated.

Milagon offers a wide variety of options and accessories to fit any industrial environment such as upholstered seats, polyurethane seats, wood seats, swivel base, castors, arm rests, step rails and foot rests. WORKSEATS® come in a variety of designs and constructions and can be engineered to the user’s specifications.

FORWARD POSITION
Characteristic features
- The back is bowed or— in a stiff sitting position—pushed forward.
- The center of gravity of the upper body is in front of the ilia.
- With the thighs held virtually horizontal, the hip angle, i.e. the sitting angle, is smaller than 90°.
- The pressure within the abdominal area is raised.
- Negative influence on the blood-flow return through the abdominal area.
- The muscles become statically flexed .

If the muscles are not straightened within a short period of time, the upper body searches support through the arms which are on the work surface. The center of balance returns to achieve a relative relaxing of the muscles.

In the forward sitting position, the shoulder and neck muscles have more strain as opposed to the middle or rear positions.

STRAIGHT POSITION
Characteristic features
- The center of gravity lies in the area of the ilia.
- In general, this is a statically balanced sitting position. The curve of the spine from lumbar to neck is relatively small, and the muscles can relax.
- Breathing is deepened (= Asian relaxing position).

In every form of work, bodily movement is necessary which impairs the center of balance. In order to retrieve the center of balance, the muscles must be put under tension. These are the reasons why the middle sitting position is not of much importance when discussing working positions.

REAR POSITION
Characteristic features
- Without a backrest, the pelvis is twisted back on the seating area.
- The open hip angle, related to the pelvic position, is greater than 90°.
- Depending on the position of the sacrum, there are differences in the curve of the spine.

The stronger the curve of the dorsal vertebra, the more adjustment must be made through the neck. “Stretching” of the spine is possible, but only with a lumbar support (back muscles are relaxed).
Self skinning polyurethane seating is chemical resistant and tough enough to withstand harsh industrial environments.

Straight or S-shaped backrest bar.

Seat insert is top grade, 7-ply plywood cushion finished with an injected molded polyurethane.

Shock absorbing sealed pneumatic gas cylinder is unsurpassed in providing state of the art excellence in seat height adjustment.

Available with standard or ESD glides or self braking casters.
Milagon’s Brio Series chair is the “work horse” of the industrial seating line. Brio brings innovation and performance together with one purpose in mind: Optimal seating in the workplace. Soft, comfortable polyurethane foam seat pan and backrest are featured for maximum wear and durability. These are mounted to a cast aluminum mechanism providing a -4 to +10 degree tilt of the seat and a 10 degree + or - angle of the backrest with spring-tensioned clutch mechanism. This self-skinning polyurethane is an ideal material for those multi-shift environments where hygiene is a concern.

The molded polyurethane backrest and seat surface promotes air circulating breathe-ability for maximum comfort.

Dynamic seating is achieved through independent adjustment of seat tilt, backrest tilt, seat height adjustment, and backrest height.

Durable cast aluminum base resists fractures and damage that can happen with plastic and/or steel tube bases.

WORKiSEATS® Technology

- Industrial strength modular construction
- Ergonomically designed
- Separate seat tilt and backrest adjustments
- Backrest height adjustment
- Choice of Cast Aluminum Star Base - Disc Base
- Standard Self Braking Casters or Glides
- Options include Footrest, Step Rail, and Armrest
Ergonomic Seating
Comfort & Safety
Designed From Research

Repetitive task environments can cause stress and injury to workers. In many cases, these costly injuries could have been avoided with proper equipment and adjustments to work environments. After critical analysis of the human body and research in the work environment, Milagon ergonomic chairs and mats were developed resulting in high quality, custom tools designed to perform specific tasks. On the job and in the field, better ergonomics increases productivity.

Milagon products are built using only quality materials and a high standard of craftsmanship.

Our confidence in the construction of these products is the reason that we’ve backed each chair with a lifetime warranty.
Milagons Brio Series chair is the “work horse” of the industrial seating line. Brio brings innovation and performance together with one purpose in mind: optimal seating in the workplace. Soft, comfortable polyurethane foam seat pan and backrest are featured for maximum wear and durability. These are mounted to a cast aluminum mechanism providing a -4º to +10º tilt of the seat and a 10º + or - angle of the backrest with spring-tensioned clutch mechanism. This self-skinning polyurethane is an ideal material for those multi-shift environments where hygiene is a concern.

**Standard Features**

- Industrial strength modular construction
- Ergonomically designed
- Separate seat tilt and backrest adjustments
- Backrest height adjustment
- Choice of Cast Aluminum Star Base - Disc Base - Bell Base
- Standard Self Braking Casters or Glides
- Options include Footrest, Step Rail, and Armrest

**Model #**

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>WSP1210</td>
</tr>
<tr>
<td>WSP1210TPU</td>
</tr>
<tr>
<td>WSP1211</td>
</tr>
<tr>
<td>WSP1211TPU</td>
</tr>
<tr>
<td>WSP1220</td>
</tr>
</tbody>
</table>
Milagon is pleased to offer a Big and Tall work seat that can accommodate larger users with a concern for ergonomic comfort. With the addition of this Big and Tall chair to the Brio series, customers can achieve the necessary ergonomic benefits. The Brio Big and Tall Chair is also durable enough to withstand longer work days, and larger occupants in a multi-shift working environment.

**Standard Features**
- Large reinforced cylinder - rated to 550 lbs
- Reinforced under-seat assembly for additional support
- Extra large glides
- Ergonomic upholstery
- Steel inserts on bridge assembly
- Available in heavy duty black fabric or vinyl

<table>
<thead>
<tr>
<th>Model #</th>
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</thead>
<tbody>
<tr>
<td>WS1389</td>
<td>Low profile cushioned workseat assembly, mounted on a cast aluminum star base with glides or casters. Height adjustment 18” to 25”. (Black fabric upholstery)</td>
</tr>
<tr>
<td>WS1389KL</td>
<td>Low profile cushioned workseat assembly, mounted on a cast aluminum star base with glides or casters. Height adjustment 18” to 25”. (Black vinyl upholstery)</td>
</tr>
</tbody>
</table>

**BRIO Overhead Workseat**

The Milagon Brio series has expanded to now include the WS1281 Overhead Workseat. The WS1281 was developed to specifically address work areas underneath aircraft, automotive and other low clearance equipment where the operator needs to be reclined and facing in an upward position.

**Model # Description**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>WS1281</td>
<td>Flexible polyurethane, cushioned work seat assembly, mounted on a four caster, steel base. Includes a fully adjustable vinyl headrest. Base dimensions are 27.5” x 17.5” x 4.25”. (Seat 12” D x 14” W)</td>
</tr>
</tbody>
</table>

**Shipping Weight** 318 lbs.
EDJ
Stainless Steel Chairs

Special areas require special materials. Edj stainless steel WORKSEATS® are designed for “wash down” environments. All metal parts are made of stainless steel. Height adjustment of the seat pan is accomplished with a concentric taper of the solid stainless steel rod.

**Standard Features**

- Polyurethane seat and backrest
- Seat angle adjustment -4º to +10º
- Adjustable backrest
- Optional stainless steel step rail available
- Optional stainless steel pneumatic cylinder available
- Adjustable stainless steel step rail available

**Model # | Description**

<table>
<thead>
<tr>
<th>WS1410</th>
<th>Low profile, stainless steel work seat, with polyurethane seat and backrest. Manual adjustment of seat height and backrest tilt. Height adjustment 17” to 24”.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS1411</td>
<td>High profile, stainless steel work seat, with polyurethane seat and backrest. Manual adjustment of seat height and backrest tilt. Height adjustment 24” to 34”.</td>
</tr>
<tr>
<td>WS4250</td>
<td>Stainless steel standing support with polyurethane cushioned work seat. Manual height adjustment 21” to 32”.</td>
</tr>
</tbody>
</table>

The EDJ's special hygienic requirements make it a great seat for food preparation environments.
ERGONOMIC SEATING

NEUTRA
Electrostatic Chairs

Fabric or vinyl conductive seating is mounted on a five star cast aluminum base equipped with conductive glides or conductive self-braking casters that provide maximum dissipation of electrostatic discharges. As with all Milagon seating systems the Neutra Series chair conforms with the ergonomic and safety requirements prescribed by ANSI/BIFMA.

Standard Features

- Industrial strength modular construction
- Conductivity within specified range of 10^5 Ohms
- Ergonomically designed
- Independent seat lift and backrest adjustments
- Backrest with self aligning height adjustment
- Handle on backrest for moving the chair

<table>
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<tbody>
<tr>
<td>WS1610</td>
<td>Low profile, fabric conductive seat assembly, mounted on cast aluminum star base with conductive glides. Height adjustment 17&quot; to 24&quot;. Specify (G) Gray, or (L) Black Vinyl.</td>
</tr>
<tr>
<td>WS1611</td>
<td>High profile, fabric conductive seat assembly, mounted on cast aluminum star base with conductive glides. Height adjustment 24&quot; to 34&quot;. Specify (G) Gray, or (L) Black Vinyl.</td>
</tr>
<tr>
<td>WS1620</td>
<td>Low profile, fabric conductive seat assembly, mounted on a cast aluminum star base with self-braking conductive casters. Height adjustment 17&quot; to 24&quot;. Specify (G) Gray, or (L) Black Vinyl.</td>
</tr>
</tbody>
</table>

Neutra seating discharges static electricity making it ideal for use in electronics industries and manufacturing environments.
STERA
Clean Room Chairs

The Milagon designed, Class 10 approved, clean room chair is your solution to Clean Room/ESD requirements. In addition to ergonomics and safety requirements, Stera WORKSEATS® respond to stringent specifications placed on clean room furniture as required in the electronic or medical fields without sacrificing comfort. Conductivity is within the specified range of 10^5 Ohms. Milagon’s chairs are tough enough to take the harsh environments found in the workplace today.

Standard Features
- All metal parts are chrome plated
- The gas lift works without grease
- Available with conductive self braking casters or conductive glides
- Seats and backrests are hermetically bonded at the back and bottom
- Independent seat tilt and backrest adjustments
- Backrest height adjustment

<table>
<thead>
<tr>
<th>Model #</th>
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</tr>
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<tbody>
<tr>
<td>WS1710</td>
<td>ESD low profile clean room dark charcoal vinyl seat and backrest assembly, mounted on a polished star base with conductive glides. Height adjustment 17&quot; to 24&quot;.</td>
</tr>
<tr>
<td>WS1711</td>
<td>ESD high profile clean room dark charcoal vinyl seat and backrest assembly, mounted on a polished star base with conductive glides. Height adjustment 24&quot; to 34&quot;.</td>
</tr>
<tr>
<td>WS1720</td>
<td>ESD low profile clean room dark charcoal vinyl seat and backrest assembly, mounted on a polished star base with self-breaking conductive casters. Height adjustment 17&quot; to 24&quot;.</td>
</tr>
</tbody>
</table>
ERGONOMIC SEATING

TASQ
Standing Supports

The Tasq Standing Support is designed to provide ergonomic physical relief to the body posture of any employee whose duties require standing performance, thus avoiding many common industrial repetitive motion injuries.

LIFETIME WARRANTY

WORK SEATS Technology

**Standard Features**
- Standing aid with cushioned polyurethane foam upholstery and climatic comfort
- Heavy gauge steel, spring loaded seat mechanism allows 14° forward seat tilt adjustment
- Integrated carrying handle
- Precision, Stepless Gas Cylinder
- Optional 18” Diameter Footrest

**Model #** | **Description** |
--- | --- |
WS4011TPU | Flexible polyurethane, cushioned work seat assembly, mounted on a high gas lift and 17” diameter enamel disc base with polyurethane edging. (Seat: 12” D x 14” W) Height adjustment 26” to 34”.

WS4211TPU | Flexible polyurethane, cushioned work seat assembly, mounted on a high gas lift and 17” diameter enamel disc base with polyurethane edging. (Seat: 14” D x 15 1/2” W) Height adjustment 26” to 34”.

WS4311GT | ESD gray fabric, cushioned work seat assembly, mounted on a high gas lift and 17” diameter enamel disc base with polyurethane edging. (Seat: 12” D x 14.5” W) Height adjustment 26” to 34”.

WS3222 | Flexible polyurethane, cushioned work seat assembly, mounted on a four caster enamel tool caddy. Caddy measures 13.5” x 13.5” x 3.25”. (Seat: 12” D x 14” W) Height adjustment 12” to 17”.

TASQ
Tool Caddy

**Standard Features**
- Cushioned Polyurethane Seat
- Mounted on a (4) Caster Steel Base
- Height Adjustable from 12”-17”
- Caddy dimensions are 13.5” x 13.5” x 3.25”
- Seat dimensions are 12” D x 14” W
Basic industrial ergonomics are accomplished with a simple height adjustment seat and backrest on a gas cylinder. The Cita chair is the best choice when the economic budget is a concern. The support mechanism is constructed of industry standard, formed and welded sheet metal. The polyurethane foam seat and backrest promotes air circulating comfort and withstands light acids.

### Standard Features
- Polyurethane seat and backrest molded on 7-ply plywood
- Seat pan mounted to mechanism with rubber grommets
- Composite base
- Available with glides or with weight dependant breaking casters
- Easy to reach function elements
- Seat height adjustment through safety gas spring

#### Model # | Description
---|---
BSP1210 | Low profile, polyurethane “budget” work seat assembly, mounted on a star base with glides.  
No tilting action. Height adjustment 16” to 21”.
BSP1211 | High profile, polyurethane “budget” work seat assembly, mounted on a star base with glides.  
No tilting action. Height adjustment 23” to 33”.
BSP1220 | Low profile, polyurethane “budget” work seat assembly, mounted on a star base with casters.  
No tilting action. Height adjustment 16” to 21”.

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**CITA**

**Budget Chairs**

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**Features**
- 1 YEAR WARRANTY
The Aklaim offers wellness for your back at your workplace.

All over perforated seats and backrests ensure continuous air circulation and an optimal seating climate. When work hygiene is of concern, the detachable and individually exchangeable polyurethane upholstery allows for new options, especially at multi-shift workplaces. Healthy, dynamic sitting is supported by amply dimensioned seats with variable inclination angles as well as high backrests with individually adjustable contact pressure.

**Standard Features**

- Locking device for backrest inclination adjustment
- Seat height adjustment
- Precisely adjustable backrest support
- Ergonomic upholstery
- Robust solid construction
- Easy to clean
- Each worker can have a seat cushion of their own

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>WSS210</td>
<td>Low profile, cushioned work seat assembly, mounted on a polished five star base with glides. Height adjustment 17&quot; to 24&quot;.</td>
</tr>
<tr>
<td>WSS210TPU</td>
<td>High profile, cushioned work seat assembly, mounted on a 17&quot; diameter enamel disc base with polyurethane edging. Height adjustment 17&quot; to 24&quot;.</td>
</tr>
<tr>
<td>WSS211</td>
<td>High profile, cushioned work seat assembly, mounted on a polished five star base with glides. Height adjustment 24&quot; to 34&quot;.</td>
</tr>
<tr>
<td>WSS211TPU</td>
<td>High profile, cushioned work seat assembly, mounted on a 22&quot; diameter enamel disc base with polyurethane edging. Height adjustment 24&quot; to 34&quot;.</td>
</tr>
<tr>
<td>WSS220</td>
<td>Low profile, cushioned work seat assembly, mounted on a polished five star base with self-breaking casters. Height adjustment 17&quot; to 24&quot;.</td>
</tr>
</tbody>
</table>

The positive features of this innovative chair are completed by the intuitive adjusting elements and modular design suited for laboratory and clinical use.
Ergonomically, well-designed seats and backrests provide beneficial pressure distribution and enjoyable climate comfort.
# SEATING ACCESSORIES

## Footrings

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>U05</td>
<td>20” chrome-plated footring with separate clamp and plastic bushing.</td>
</tr>
<tr>
<td>U05S</td>
<td>18” chrome-plated footring with separate clamp and plastic bushing.</td>
</tr>
<tr>
<td>WS05</td>
<td>20” chrome-plated footring with separate clamp and plastic bushing for clean room and ESD.</td>
</tr>
<tr>
<td>WS05S</td>
<td>18” chrome-plated footring with separate clamp and plastic bushing for clean room and ESD.</td>
</tr>
</tbody>
</table>

## Swivel lock for five-star and disc bases (factory installed)

<table>
<thead>
<tr>
<th>Model #</th>
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</thead>
<tbody>
<tr>
<td>WS07</td>
<td>Swivel lock for high chairs. Only available in combination with step-up rail -04 or -06. The seat height remains functional.</td>
</tr>
<tr>
<td>WS0711</td>
<td>Swivel lock for high profile chairs. May be used with footring. Cannot be used with WS04 or WS06 step rails.</td>
</tr>
<tr>
<td>WS0710</td>
<td>Swivel lock for low profile chairs.</td>
</tr>
<tr>
<td>WS0790</td>
<td>Swivel lock for high profile aklaim chairs using WS0690 or WS0490 step rails.</td>
</tr>
<tr>
<td>WS071090</td>
<td>Swivel lock for low profile for Aklaim chairs only.</td>
</tr>
<tr>
<td>WS071190</td>
<td>Swivel lock for high profile for Aklaim chairs only.</td>
</tr>
</tbody>
</table>

## Swivel lock for bell bases

<table>
<thead>
<tr>
<th>Model #</th>
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</thead>
<tbody>
<tr>
<td>WS09</td>
<td>Swivel lock for use with universal bell base chairs.</td>
</tr>
</tbody>
</table>
### Set-up rails for highchairs with five-star and disc bases

<table>
<thead>
<tr>
<th>Model #</th>
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<tbody>
<tr>
<td>WS04</td>
<td>14&quot; wide safety step-up rail 2 1/2&quot; vertical height adjustment. Rail moves with seat and has an additional 2 1/2&quot; vertical adjustment. For use with high profile chairs only.</td>
</tr>
<tr>
<td>WS06</td>
<td>14&quot; wide safety step-up rail for use with high profile chairs with 25 degree tilt function. Rail moves with seat and has an additional 2 1/2&quot; vertical adjustment.</td>
</tr>
<tr>
<td>WS08</td>
<td>Step-up rail with anti-slip design. Can be mounted 590 mm and 430 mm below the top edge of the seat plate. Easy to retrofit yourself. The step-up rail follows the rotation and height adjustment of the chair. Also suitable for the bell base.</td>
</tr>
<tr>
<td>WS0490</td>
<td>14&quot; wide step rail for high profile Aklaim chairs. Rail moves with seat and offers an additional 2 1/2&quot; vertical adjustment. Aklaim only.</td>
</tr>
<tr>
<td>WS0690</td>
<td>14&quot; wide safety step rail with a 25 degree tilt function. Rail moves with seat and has an additional 2 1/2&quot; vertical adjustment. Aklaim only.</td>
</tr>
</tbody>
</table>

### Armrests (in pairs)

<table>
<thead>
<tr>
<th>Model #</th>
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<tbody>
<tr>
<td>WS010H90</td>
<td>Rigid plastic, height adjustable, swivel-mounted, lateral adjusting facility, optionally available with polished aluminium supports. Aklaim only.</td>
</tr>
<tr>
<td>01190CH</td>
<td>Chrome safety armrest with foam arm pads (please indicate color). Aklaim only.</td>
</tr>
</tbody>
</table>

### Footrests

<table>
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<tr>
<th>Model #</th>
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Mats from Milagon feature WORKMAT® Technology: the blend of scientific design and materials that produce truly ergonomic anti-fatigue matting systems reducing the cumulative trauma disorders commonly found in the standing workplace environment.
VIGOR
Workmats

Vigor anti-fatigue mats are designed to provide a comfortable place to stand for prolonged periods of time. The nodular design forces feet and leg muscles to work even when standing still. This significantly increases circulation, reduces fatigue, and combats cumulative trauma disorders associated with standing occupations.

APPLICATIONS
Ergonomic floor covering for factories, offices, laboratories, restaurants, canteen kitchens, workshops, government institutions, schools, gas stations, railway stations, airports, wholesale and retail stores or any stand-up workplace.

Standard Features
- Significantly increases blood circulation and reduces fatigue.
- Combats cumulative trauma disorders associated with standing.
- Elastic design forces muscles to move even when you are standing still.
- High chemical resistance.
- Easy to clean.
- Manufactured in the U.S.A.
- Standard size is 2’ x 3’ x 5/8” thick mat with outside edge beveled 3/4”. Custom sizes available.

Details | Description
--- | ---
Wear Characteristics | The Vigor WORKMAT is guaranteed against wear for five years of continuous usage in non-abrasive environments. It will not lose its elasticity and will provide continuous ergonomic benefits.
Cleaning | Sweep or vacuum as appropriate. The Vigor WORKMAT may be hosed down easily and washed with a string mop if necessary.
Chemical Resistance | Not normally affected by acids and bases commonly used in industry.
Raw Material | Soft polyurethane
Color | Dark charcoal
Standard Sizes | 2’ x 3’
Bonded Sizes | To order
Outside Edge | 3/4” beveled
Thickness | 5/8”
Weight | 1 pound per square foot

Vigor Mats create an attractive, safe, and healthy environment for workers.
ERGONOMIC MATTING

WORKMATT

Many of the products on the market today are rubber or vinyl-covered foam. They are not industrial grade, and are prone to premature wear.

The WorkMatta safety surfacing delivers value in two ways. First, it provides a system that is proven to withstand the rigors of industrial environments. Second, because WorkMatta is modular, you need never replace the entire system.

_Comfort MAtTA_ Low Compression

**CLOSED SURFACE TILES**

Comfort closed surface tiles are primarily used in dry area applications such as; in front of workbenches, at inspection stations, and are ideally suited for assembly lines that span entire plants. The patented Diamond Shield surface provides excellent anti-slip properties, and the Comfort closed tile is able to withstand weights of up to 8300 lbs. per sq. ft. including cart and forklift traffic. It is truly the industrial heavyweight.

**OPEN SURFACE TILES**

Comfort open surface tiles are the ultimate solution for welding areas. This rugged tile can be subjected to sparks from welders and grinders shift after shift. The open surface allows for small debris to pass through, and also facilitates superior drainage capabilities for water-based liquids. The patented ArrowLock Interlocking System™ ensures that the tiles are unyielding under intense pressure.

Standard Features
- Compression on columns reduces discomfort and fatigue
- Diamond Shield surface provides excellent slip resistance
- Extreme Durability
- ArrowLock Interlocking System™
- Easy to clean
- Made from recycled materials
- Class 100 cleanroom certified

10 YEAR WARRANTY

WorkMatta prides itself on producing a quality product that is designed to endure in the harshest of environments. State of the art recycling technology and injection molding plays an integral role in delivering a consistent density through each and every tile.

**ESD**

Electrostatic discharge (ESD) is a major concern for manufacturers and assemblers of electronic products. WorkMatta ESD flooring is highly effective because it is manufactured to perform within a narrow parameter on the conductive/insulative spectrum and each tile is guaranteed to operate in the ideal dissipative range.
**EXCEL MATTA**

**Mid Compression**

**CLOSED SURFACE TILES**
Excel closed surface tiles employ the patented Shock Pocket surface, which deadens shock and increases compression, a must for workers that are required to stand in static positions for extended periods of time. The Excel surface has pronounced ridges, giving it a greater co-efficient of friction. Excel tiles have been designed with FlexLock™, the patented interlocking system that ensures stability, even in extreme conditions.

**OPEN SURFACE TILES**
Excel open surface is ideally suited for applications within the food industry. Excel open has exceptional drainage capabilities and the compression columns on the underside of the tile have been sealed to increase hygiene standards. In order to maintain sanitary conditions, the FlexLock™ Interlocking System allows the Excel line of tiles to be rolled up without coming apart, for ease of cleaning underneath.

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**ERGO MATTA**

**High Compression**

**CLOSED SURFACE TILES**
Ergo closed surface is a multi-purpose tile that is equipped to deliver superior anti-fatigue benefits in a variety of applications. At half the size and thickness of the other WorkMatta tiles, it is considerably more versatile, which makes installation and configuration effortless. Ergo closed surface is not only an excellent safety surface for the workplace, it is also the perfect flooring solution for the light industrial, laboratories, and commercial environments where function and style is imperative.

**OPEN SURFACE TILES**
Ergo open surface is outfitted with a grid of holes that promote efficient drainage of water-based liquids through the surface. With its patented EZ-Snap Interlocking System™, the Ergo range of tiles interlock tightly together. Installation or re-configuring is a snap. Ergo open can be manufactured with an anti-microbial additive to inhibit bacterial and fungal growth, making it the professional’s choice for shower areas, locker rooms, and entrance ways.

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**WHY ERGONOMICS IS IMPORTANT**

Oxygenated blood is pumped by the heart through arteries to our body, which uses the oxygen as a fuel. The blood then returns, via the veins, to our heart and lungs for ‘re-fueling’ and the process begins again with re-circulation of oxygenated blood through the arteries. Blood pressure and the normal contracting and relaxing of muscles around veins as we move, facilitates the return journey of blood through the one-way valve system in veins. This process can be inhibited when we have to stand on a hard surface or our movement is restricted for prolonged periods.

Matta ergonomic flooring is designed to help counter this negative effect.

Compression Columns on the underside of each WorkMatta tile perform like springs - compressing to a comfortable degree of cushion. They also create a slightly uneven standing surface that promotes muscle stimulation in the lower extremities. This activity increases more efficient return of blood to the heart and lungs.
Engineered for Work.®
Ergonomic Chairs & Mats

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