



PRODUCT CATALOGUE

isoloc Ergonomic Mats for Standing Workplaces



ISOLOC FOR STANDING WORKPLACES WITHOUT SIDE EFFECTS

Standing healthy. Working productively.

STANDING WORKPLACES DEMAND MAXIMUM PHYSICAL PERFORMANCE

Static and standing for long times demands maximum performance from our body. During standing the spine and the discs are strained by a great weight. Joints, muscles, tendons and ligaments are often over-strained. The static work to be performed lets the muscles get tired very quickly. This results in unfavourable evasive postures, consequently to tenseness and with time to chronic pains.

Also the leg veins get strained very much during the unfavourable standing work for a long time. The cardiovascular system must achieve maximum performance to ensure the flow of the blood back to the heart. Paining, swollen feet, fatigue symptoms in the leg muscles, cramps in the calf during the night and varicose veins can be the result.

THE SOLUTION: STANDING HEALTHY MEANS STANDING DYNAMICALLY

By their especially damping material composition and their surface structure (special knobs), ergonomic standing workplace mats support an active standing of your employee without restricting him in his work.

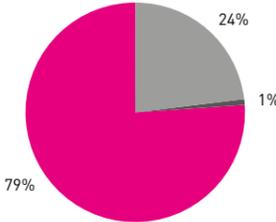
Thus, due to a basic ergonomic structure of the workplace with an environment defined to the employee, the choice of the ground can influence the health of the employee positively. A flexible standing will result from a static standing almost imperceptibly for the employee by the deployment of standing workplace mats. The muscular system will not get tired so quickly and the activities of the veins are supported.

Your employees will appreciate the benefits.

"Now I am feeling no more that listless in the evening after years of backache and extreme fatigue after work. It is possible for me again to engage in leisure activities, for which I simply did not have any "drive" no longer. Super!"

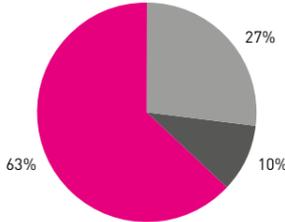
Statement of an employee in a company for cold forming technology with presses and punches

How do you estimate your well-being on the floor with the mat?



■ 79% positive
■ 24% negative
■ 1% no opinion

According to your opinion, how does the mat affect your health?



■ 63% prefer standing on the mat
■ 27% prefer standing not on the mat
■ 10% neither nor

Results of a survey on the effectiveness of slip-proof mats "ERGOLASTEC" [fiot - Research Institute for Orthopaedic Technology, 2012]



"Now I am fit for my favourite sport, the football, also after an 8-hour day."

Samir Xhoxhaj, Logistics and Packaging, M.W. Porcelain Manufacture Reutter

EMPLOYEE MOTIVATION INCREASES THE PRODUCTIVITY

The employee feels the effectiveness of the mats immediately and instantly. Due to the better circulation and thus supply of oxygen the work will be felt less tiring, existing problems regarding the muscle and skeleton system noticeably reduce. The improved attention reduces errors. Take the chance to increase the motivation of your employees by taking their requirements serious and taking measures for the improvement of the health of your employees.

ERGONOMICS AS COMPETITIVE FACTOR

In 2013, diseases of the muscle-skeleton system were on top of all disease types with 313.0 sick leaves per 100 persons insured. Amongst others, because these are quite prolonged. The persons concerned are usually 18.2 days sick in average. Thus, immense costs by production losses, reintegration measures, high error quota occur for the companies annually.

An ergonomic workplace can steer in the opposite direction. Employees are more awake

and more attentive if their workplace is well equipped. Concentration, perseverance and thereby the performance of the employees improve. Losses due to sickness and the subsequent costs considerably decrease for your company. The improvement of the ergonomics, especially at standing workplaces, also means a considerable economic factor with a high saving potential. The comparably low investment will amortise within shortest time.

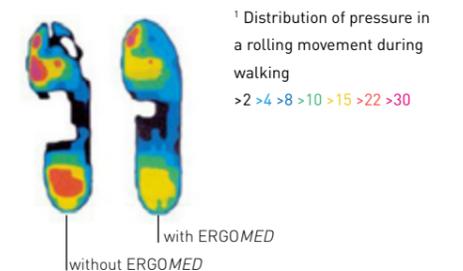
ISOLOC STANDING WORKPLACE MATS TO BE DEPLOYED UNIVERSALLY

Our standing workplace mats can be installed very easily at many locations - they are not bonded to the ground and can be repositioned any time on demand.

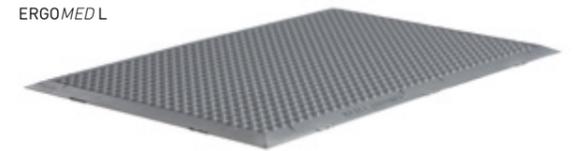
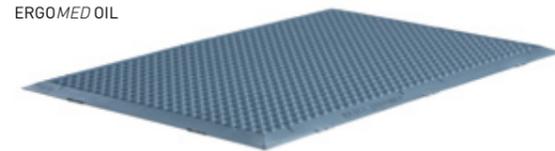
We guarantee high quality, best results and durability also in high load. By the use of different materials our mats have different features according to design, e.g. fire and oil resistance, extreme load capacity or food suitability. Thus, they can be used in most different areas and make standing for each industry and in any situation more active and thus, more healthy.

YOUR BENEFIT

- Improvement of motivation of your employees, thereby higher productivity.
- More healthy workplaces due to evidently gentle effect on joints, spine and muscles.
- Prevention of absence times and losses due to sickness.
- Improvement of safety due to slip-resistant surfaces.
- Improvement of the working comfort and the working health since cold floors are insulated.
- Improvement of working conditions due to noise and impact sound insulation effect.
- Simple and quick installation and adjustment at the workplace. The mats can be put into almost any desired form.
- Better results than with respective health and safety shoes with soft sole (compare test report TU Munich, Institute for Ergonomics, 2007).
- Very efficient cost-benefit balance.



ISOLOC ERGOMED THE VERSATILE



ISOLOC ERGOMED

Isoloc ERGOMED is the right choice wherever a lot of standing is required on a daily basis. Whether in front of machine tools, at welding or assembly places, in food operations, at reception desks, service counters or catering counters - their deployment is versatile.

High-quality elastomer materials enable a tired-free standing. ERGOMED is available for different requirements in different qualities. They are available as oil-resistant type (oil), flame retardant type (B1), according to DIN 4102, part 1, especially for the food and luxury food industry (L), a standard type (S) and in a high elastic type (HE High Elastic) for excellent standing comfort.

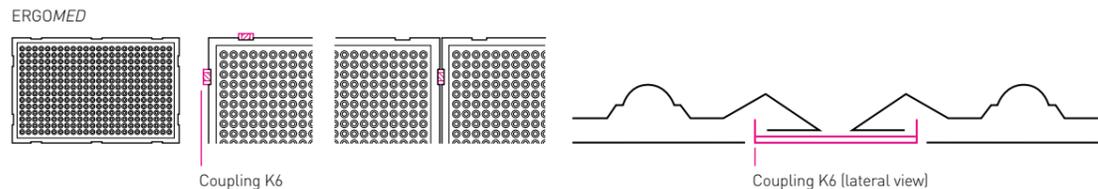
FEATURES

- ERGOMED offers highest quality and durability due to high-quality elastomer materials.
- With regard to the mechanical point it is considerably stronger compared to foamed plastics.
- Circumferentially chamfered edges enable the slip-free standing.
- Safe positioning of the mats due to the high friction coefficient.
- Anti-slip and dry surfaces due to built-in drainages.
- By coupling K6 individual mats can be connected slip-proof at the bottom for any size of area.
- Resistant against many oils, solvents, petrol, greases and chemicals.
- Scientifically proofed ergonomic efficiency at the Ergonomics Institute, Munich.
- Easy cleaning of the mat with conventional cleaning agents.

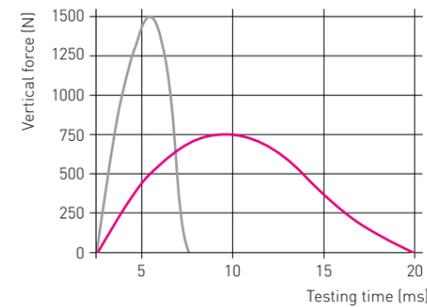
BENEFITS

- Your employees stand tired-free and thus safe and healthy.
- The load capacity of joints, spine and discs reduces.
- An improved circulation prevents diseases of the veins and joints.
- Cold floors are insulated.
- Slip hazard is reduced.
- The comfortable standing improves the working results.

	Art.-No	Type	Features	Dimension in mm
ERGOMED	28354	HE	Highest elasticity, conditionally oil-resistant	900 x 600 x 15
	28356	OIL	Very good oil resistance	900 x 600 x 15
	28357	B1	B1, flame retardant, conditionally oil-resistant	900 x 600 x 15
	28358	L	Food quality XXI /4	900 x 600 x 15
	28355A	S	Not oil-resistant	900 x 600 x 15
COUPLING	28355	K6	Stainless steel sheet for the connection of mats at the bottom of the mats 3 pcs. f. 900 mm, 2 pcs. f. 600 mm	57 x 40 x 1.5

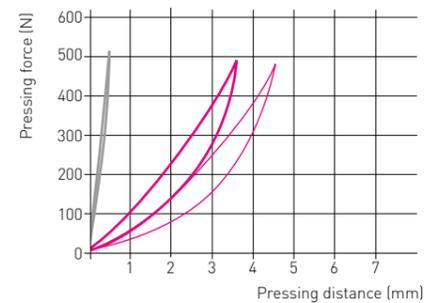


By the coupling elements K6 individual mats can be securely joined.



Measured vertical force processes (N) of the first load cycle during shock-type load. The step is significantly "absorbed" with ERGOMED.

- Walking on concrete floor
- Walking on ERGOMED



Hard floor does not deform during load. The force has an unabsorbed effect on the legs.

- Hard floor (parquet wooden flooring)

isoloc workplace mat with significant elastic deformation and distinct absorption amount

- Testing stamp centred on a knob
- Testing stamp centred on four knobs



"Since then my backache is history."

Statement of an employee at an automotive supplier for chassis modules of passenger cars in North-Germany.

ISOLOC ERGOPUR SIMPLY STANDING HEALTHY

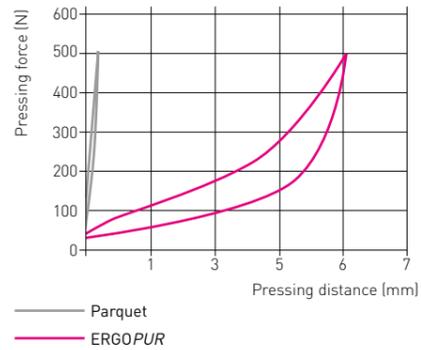
ERGOPURS / AST



ISOLOC ERGOPUR

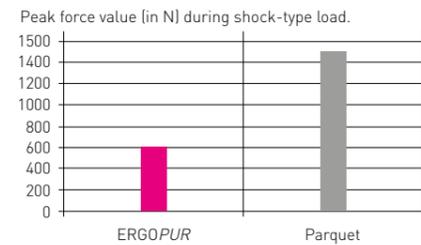
Isoloc ERGOPUR is the intelligent system for ergonomics at the workplace. The light mat made of high-quality permanently elastic PUR soft integral foam is suitable for standing workplaces for light to moderate work.

It is also available as anti-static type. Individual mats can be connected at the sides by the optional interlocking.



FEATURES

- Permanent elastic PUR soft integral foam offers highest comfort.
- Cleaning-friendly.
- Anti-slip standing comfort.
- Resistant against many oils, solvents, petrol, greases and chemicals.
- Cold and heat insulating.
- Footstep sound insulating and shock-absorbing.
- Due to starting angle reduced tripping hazard.
- Integrated interlocking enables laying of endless-sheets.



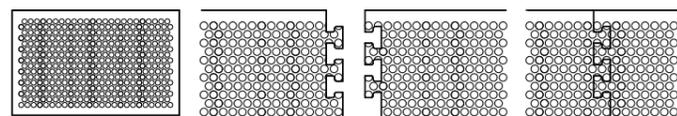
BENEFITS

- Easy turning due to especially flat profile.
- Scientifically proofed ergonomic effectiveness: reduction of the physical load by 60 percent (survey Ergonomic Institute Munich).
- Preventive against cramps and circulatory problems.
- Reduces symptoms of tiredness in feet, legs, back.
- Reduction of problems with feet, circulation, varicose veins, inflammation of the veins, backache.
- Preventive against degenerative joint diseases on feet, knees, spine, hips.

Practically the load and relief curves of the parquet wooden flooring run identically: No absorption of the load takes place. Different with ERGOPUR: The relief curve is weakened, a significant absorption is achieved.

	Art.-No.	Type	Features	Dimension in mm
ERGOPUR	28361	S	Standard, oil-resistant	900 x 650 x 13
	28362	S	Standard, oil-resistant	1200 x 650 x 13
	28361A	S	Standard, oil-resistant, one-sided interlocking	920 x 650 x 13
	28361B	S	Standard, oil-resistant, two-sided interlocking	940 x 650 x 13
	28365	AST	Anti-static	900 x 650 x 13
	28366	AST	Anti-static	1200 x 650 x 13

ERGOPUR



Interlocking at short side always

Special sizes possible by bonding of several mats. Please contact us!



"For some time already, I had been looking for foot mats for my practice rooms on which my patients can stand safe and comfortably.

The ergonomic mats for standing workplaces from isoloc are ideal. They are slip-resistant and easy to clean - and also my patients like them."

Dr. med. Thomas Martin, specialist for internal medicine, 70435 Stuttgart

ISOLOC ERGOLASTEC AND ERGOFLEX FOR EXTREME LOADS

ERGOLASTEC PERFORATED



ERGOLASTEC UNPERFORATED



ISOLOC ERGOLASTEC AND ERGOFLEX

The isoloc ERGOLASTEC and isoloc ERGOFLEX standing workplace mats are the exact right ones if it gets rough at work.

They are ideal for workplaces at workbenches, production lines, assembly tables, turning and milling machines. They protect components, moulds and floor (mould maintenance, locking areas etc.).

By their special surface structure in the form of pyramid-style pointed knobs, the workplace mats ERGOLASTEC and ERGOFLEX offer highest anti-slip safety, even in moist or oily surface.

FEATURES

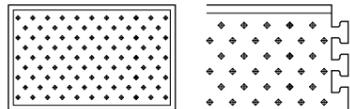
- Resistant against moisture, many oils, leaches and acids and hot metal chippings up to 600° C.
- To be combined with other mats (on demand puzzle connection).
- Easy to lay.
- Very high stability and lying strength and most suitable as a base during the deployment of transport devices, forklifts and manual lift trucks.
- Reduced tripping hazard by tapered outer edges.
- Easy cleaning of the mat with conventional cleaning agents.

BENEFITS

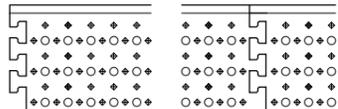
- Gentle for joints, spine and muscles.
- Small cracks, irregularities and joints of the ground can be bridged and must not be treated.
- Protection for tripping items.
- Liquids are easily drained from the surface due to the specially perforated structure. Slipping accidents are reduced to a minimum.
- Extremely robust.

	Art.-No.	Type	Features	Dimension in mm
ERGOLASTEC	28200	UNPUNCHED	Rubber (puzzle type on demand)	1350 x 1000 x 17
	28210	PUNCHED	Rubber (puzzle type on demand)	1350 x 1000 x 17
ERGOFLEX PLUS OIL	28280	PUNCHED	Nitrile rubber - silicon-free, oil-resistant, slip resistant	1300 x 1000 x 20

ERGOLASTEC UNPUNCHED

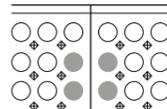


ERGOLASTEC PUNCHED



Puzzling is possible at all edges, thereby individual mat size producible.

ERGOFLEX-PLUS-OIL



Enlargement of the mats (special dimensions) in distances of 300 mm possible; special connectors are inserted in the existing drillings.



isoloc product Catalogue
Ergonomic Standing Work Mats

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Michael Joos, Stuttgart: Product photography
Maks Richter, Stuttgart: P4
Rainhardt Albrecht-Herz, Stuttgart: P2, P3,
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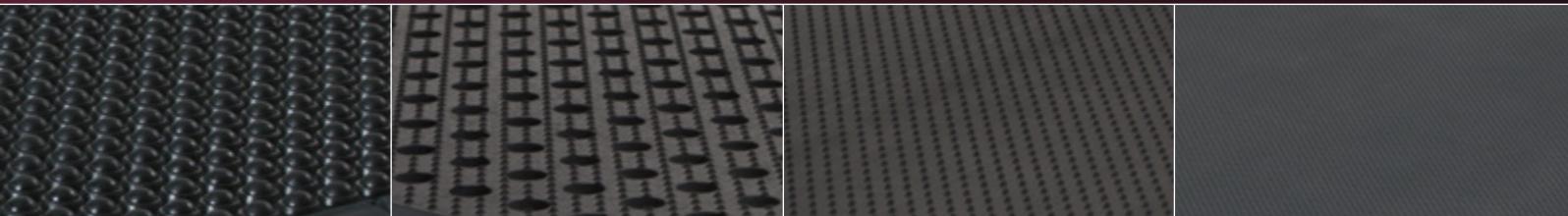
For further information please refer to:
www.isoloc.de
www.gesund-stehen.de

ERGOMED

ERGOLASTEC

ERGOFLEX

ERGOPUR



Test certificates



Anti-slip effect:
Evaluation group R10
Displacement space:
Evaluation group V10



Discharge capacity according to DIN 51953
Electrical resistance $0,97 \times 10^6 \Omega$



Fire behaviour according to DIN 4102
Part 1, category B1



Ergonomic and human
physiological measurements