

## ANTI-FATIGUE MAT



The anti-fatigue mat is an exclusive patented product whose longevity and comfort qualities make it the favorite mat of the world's most prestigious companies.

You should know that standing up for long working hours, on a hard ground, puts your muscles, skeleton, circulatory system and also your heart to severe tests. Standing up for long hours on a hard ground engenders a physical effort that compacts muscles, reduces blood circulation, forces heart to « pump harder », which leads to unusual tiredness, a decrease in attention and an increase of accident risks.

The anti-fatigue mat offers an important distortion with a unique spring effect. The more the upright posture is extended, the more the mat should be squashed. You must respect this parameter while choosing your mat.

When somebody has been working on an anti-fatigue mat, legs exert an adjustment movement thanks to the carpet flexibility (photo 1). These movements increase blood circulation, oxygenate heart and reduce tiredness in a significant way. Unlike ordinary carpets, the anti-fatigue mat acts through extension, rather than by compression, which eliminates heeling effect and suspends the worker on a real air cushion.



Photo 1

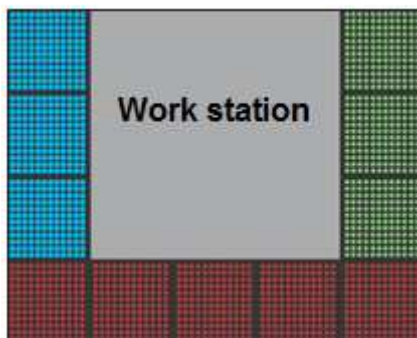


Fig. 1



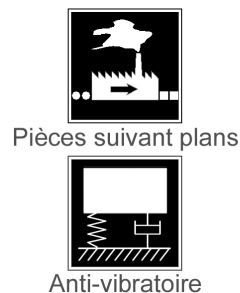
Fig. 2



Fig.3

The cells with high elastic power are covered with rigid patches, especially designed to be nonskid. (A study made by the French National Health Insurance considers that skids cause 12% of industrial accidents).

These patches of different colors (fig. 1) allow coordinating mats with the workshop, locating work stations for the colors or marking (fig. 1 and fig. 2). The anti-fatigue mat is made according to 500 x 500 mm modules that allow for the following of all the configurations of workshops or machines. The anti-fatigue mat is molded, prestressed with a synthetic elastomer in modular slabs that allows varied configurations and fits into all machine geometries.



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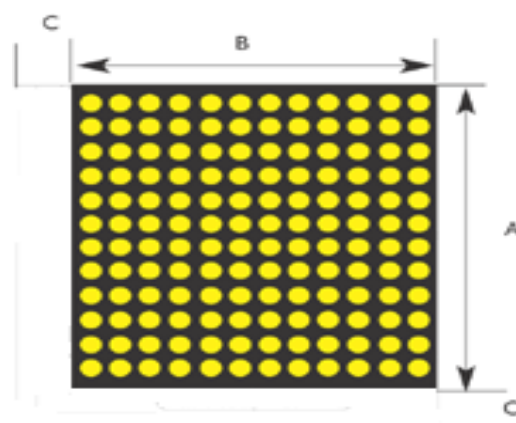
### Technical characteristics

Reference	Quality	Chemical resistances					Dielectric Resistances	Specificities
		Water	Hydrocarbons	Detergents	Acids	Ultraviolets		
SE51	SBR	Good	Medium	Good	Excellent	Medium	$\Omega 10^7$	Dry or damp Without oil trace
SE52	NBR	Excellent	Excellent	Excellent	Excellent	Good	$\Omega 10^7$	Dry or damp With oil trace
SE53	NBR	Excellent	Excellent	Excellent	Excellent	Good	$\Omega 10^3$	Antistatic
SE76	Neoprene CR	Good	Good	Good	Excellent	Good	$\Omega 10^9$	Dry or damp floor with oil trace. Fire classification : M1/F3

Reference	Quality	Mechanical resistances				Compression under load	
		Rupture	Break	Elongation	Abrasion	1.1 kg/cm <sup>2</sup>	1.5 kg/cm <sup>2</sup>
SE51	SBR	20 Mpa	56 kN/m	600 %	270	7 mm	8.5 mm
SE52	NBR	12 Mpa	40 kN/m	290 %	270	7 mm	8.5 mm
SE53	NBR	17 Mpa	50 kN/m	750 %	270	6 mm	7 mm
SE76	Neoprene CR	6.1 Mpa	38 kN/m	600 %	270	7 mm	8.5 mm

### Dimensional characteristics

Reference	A (mm)	B (mm)	C (mm)	E (mm)	Weight (kg)	Unit price Excl. tax
SE51	500	500	40	23	3.50	90.77 €
SE52	500	500	40	23	3.53	102.12 €
SE53	500	500	40	23	3.60	127.63 €
SE76	500	500	40	23	4.80	129.42 €



### CARRIAGE COSTS



**CARRIAGE COSTS ARE CALCULATED ACCORDING TO THE DELIVERY POINT**