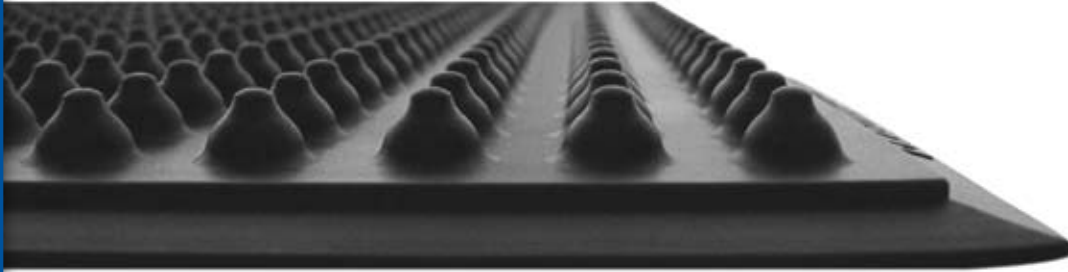


The Ergomat Nitro has been specifically designed to offer superior ergonomic and anti-slip properties in the toughest environments. This mat is resistant to oils, many alkaline liquids, acids and hot metal shavings up to 1112°F (600°C). The Nitro mat has a unique profile with peaked cones making it the perfect mat for the food industry as well as for areas where high anti-slip properties are critical.



Unmatched Safety Features

- Molded beveled edges
 - They will never curl up, eliminating tripping hazards
- Any size, any shape mat, always in one piece
 - No overlapping or worn-out connecting mats, also eliminating tripping hazards

Highest Quality

- Virgin raw material only
 - Unbeaten durability and ergonomic relief
- Silicone & latex-free
- Not only anti-fatigue, but also true ergonomic benefits
 - Unique ergonomic designs, eliminating and preventing common problems encountered in standing environments stimulating the body to increase blood circulation and alertness that will reduce sick leave, workers' compensation and quality issues.

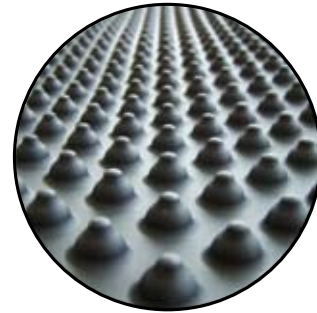
The Nitro Advantage

- Anti-slip cone profile
- Autoclavable
- Withstands 1112°F / 600°C (welding)
- Chemical exposure will not affect the state of the mat; no curling up, swelling, or expanding.
 - No loss of the ergonomic properties and no trip hazard

3-Year Warranty

All Ergomat product lines are conditionally warranted against normal usage* 24 hours a day, 7 days a week. The warranty does not cover damage caused by the mat being dragged or pulled from a heavy load or items being pushed or dragged across the product, such as skids or pallets. The warranty against chemicals, oils, liquids, or other matter differs with the type of mat. Please consult your dealer or an Ergomat Rep to select the correct mat for your environment. The warranty periods starts from the date of purchase. The warranty only covers the replacement of the product, no direct or indirect costs are covered.

* It is considered normal usage when a person stands or walks on the Ergomat with regular footwear in an environment where the temperature is under 25° C (77° F) and the humidity is below 80%.



ERGOMAT® Nitro

ERGOMAT

www.ergomat.com
info@ergomat.com
 Tel. 877-374-6628
 Tel. 440-282-4651



Properties	Standard	ERGOMAT Nitro
Material		Nitrile
Color		Black
Weight		4400 g +/- 50 g // 9.7 lbs +/- 1.75 oz
Length without beveled edges		92 cm +/- 1% // 36.2" +/- 1%
Width without beveled edges		60,4 cm +/- 1% // 23.8" +/- 1%
Thickness		15 mm // 0.59"
Density	ISO 2781	1370 kg/m ³
Hardness	ISO 868	50-60 Sh A
Friction	AVK Standard	45 N
Abrasion Load = 5 N	ISO 46 49 (5 N)	92 mm ³ // 3.6 in ³
Elongation at break	ISO 37	790%
Tearing strength	ISO 37 Method C	28 N/mm
Insulation Resistance	EN 60 335-1994	Not tested
Electrical Resistance Surface point to point %50 RH	IEC-61340 4-1/ ESD STM7.1-2001	>1 x 10 ¹⁰ Ω
Thermal Conductance	Table Value	3,3 W/m/°C
Thermal properties Minimum use Maximum use Maximum short duration	The ergonomic properties remain	-40°C // -40°F 90°C // 194°F 600°C // 1112°F
Flame Point	Table Value	400°C // 752°F
UV-resistance		Inferior
Cleanroom application	EN ISO 14644-1	ISO Class 5 (100)
Warranty		3 years