

## Ergomat Nitro Mat

Nitro is the perfect ergonomic mat for exceptionally oily or wet environments. Its positive gripping profile provides superior traction for increased safety against slip and fall hazards. The Nitro Mat is also resistant to many acids, as well as hot metal shavings with brief exposures up to 600°C (1112°F).



Nitro 



### 1 Profile

Nitro



Thickness .59" (1.5 cm)

## BENEFITS

**ERGONOMIC** : Designed to stimulate circulation in feet, legs and lower back. Circulation is stimulated by the unique, patented surface profile of Ergomat mats, which forces muscular response.

**BEVELED EDGES** : Always molded w/ bevels. Yellow bevels can be added. Bevels will never curl up, eliminating trip hazards.

**WELDING AND SPARK SAFE** : Service temperature range -40°C (-40°F) to 90°C (195°F)

**ANTI-SLIP** : Nitro surface texture provides superior traction for increased safety against slips and falls. Perfect ergonomic mat for exceptionally oily or wet environments.

**HOLES CAN BE ADDED** : In situations with excessive fluid volume or the need to promote air flow, Nitro can have holes added.

**SILICON FREE**: All Ergomat mats are silicon free.

**TRUE WARRANTY**: Ergomat stands 100% behind our products with full replacement coverage if our product fails to perform as promoted within that period. At Ergomat we call this a *True Warranty*.

[www.ergomat.com](http://www.ergomat.com) - [info@ergomat.com](mailto:info@ergomat.com)

North & South America: +1-440-282-4651 | English (EU): +44 3308 280 084 | Danish: +45 702 21 840 | Dutch: +31 73 61 30 530 | Swedish: +46 42 16 36 00  
German: +49 9542 30 367-50 | French: +33 1 446 410 28

# ERGOMAT NITRO

## NITRO

Material.....	Nitrile Rubber
Color .....	Black
Weight.....	4400 g +/- 50 g // 10 lbs +/- 1.75 oz
Length without beveled edges ..	92 cm +/- 1% // 35.5" +/- 1%
Width without beveled edges...	60 cm +/- 1% // 23.6" +/- 0.38"
Thickness .....	15 mm // 0.625"
Density.....	1370 kg/m <sup>3</sup> +/- 10 % ISO 2781
Hardness .....	50 - 60 Sh A DIN 53505
Abrasion Load = 5 N .....	92 mm <sup>3</sup> // 31.5 in <sup>3</sup> ISO 46 49 (5 N)
Electrical Resistance Surface point to point % 50 RH.....	>1x10 <sup>10</sup> Ω IEC-61340 4-1/ ESD STM7.1-2001
Friction .....	45N AVK Standard
Elongation at Break.....	790 % EN ISO 527-1
Tearing Strength .....	28 N/mm ASTM D 624
Insulation Resistance.....	Not Tested
Thermal Conductance .....	3,3 W/m/°C Table Value
Thermal Properties	
Minimum use .....	-40°C // -40°F
Maximum use .....	90°C // 194°F
Maximum short duration	150°C // 300°F
Flame Point .....	400°C // 752°F
UV-Resistance.....	Inferior
Clean Room .....	ISO Class 5 EN ISO 14644-1
Warranty.....	3 years

**www.ergomat.com - info@ergomat.com**

North & South America: +1-440-282-4651 | English (EU): +44 3308 280 084 | Danish: +45 702 21 840 | Dutch: +31 73 61 30 530 | Swedish: +46 42 16 36 00  
German: +49 9542 30 367-50 | French: +33 1 446 410 28