

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 



ERGONOMIC



BEVELED EDGE



WELDING & SPARK SAFE



ANTI-SLIP



HOLES CAN BE ADDED

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 & latex 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*.

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|---|---|
| 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 ³ +/- 10 % ISO 2781 |
| Hardness | 50 - 60 Sh A DIN 53505 |
| Abrasion Load = 5 N | 92 mm ³ // 31.5 in ³ ISO 46 49 (5 N) |
| Electrical Resistance Surface point to point % 50 RH..... | >1x10 ⁹ 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 |