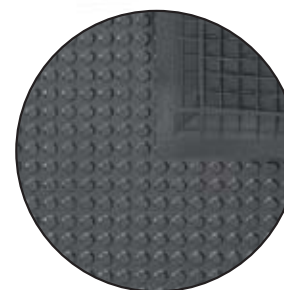


The Ergomat Nitril Smooth ESD-Conductive has greater electrostatic dissipative properties and is designed to increase comfort while reducing tripping hazards, body aches, quality issues, and sick leaves on areas where equipment is rolled while reducing tripping hazards, body aches, quality issues, and sick leave. This is the ultimate flat mat for critical environments.



Unmatched Safety Features

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



Highest Quality

- Virgin raw material only
 - Unbeaten durability and lifetime ergonomic benefits
- 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 Nitril Smooth ESD-Conductive Advantage

- Ideal for any environment where electrostatic dissipation is necessary
- A flat profile allows for trolley or cart traffic to easily move about the mat
- No loss of the ergonomic properties and no tripping hazard
- Meets USDA/CFIA standards
- Cleanroom ISO Class 5 (100)

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.

ERGOMAT

ERGOMAT® Nitril Smooth ESD-Conductive

Properties	Standard	ERGOMAT Nitril Smooth ESD
Material		Nitrile
Color		Black
Weight		2900 g +/- 50 g // 6.39 lbs +/- 1.75 oz
Length without beveled edges		80 cm +/- 1% // 31.5" +/- 1%
Width without beveled edges		50 cm +/- 1% // 19.7" +/- 1%
Thickness		11,5 mm // 0.45"
Density	ISO 2781	1260 kg/m ³
Hardness	ISO 868	50-60 Sh A
Friction	AVK Standard	173 N
Abrasion Load = 5 N	ISO 46 49 (5N)	63 mm ³ // 2.5 in ³
Elongation at break	ISO 37	400%
Tearing strength	ISO 34 Method C	36 N/mm
Electrical resistance	IEC-61340 4-1 / ESD STM7.1-2001	5 x 10 ⁴ Ω – 1 x 10 ⁷ Ω
Thermal Conductance	Table Value	3,3 W/m/°C
Flame Point	Table Value	400°C // 752°F
Heating Value	Table Value	30 MJ/kg
Thermal properties		
Minimum use		-40°C // -40°F
Maximum use	The ergonomic properties remain	90°C // 194°F
Maximum short duration		600°C // 1112°F
UV-resistance		Inferior
Cleanroom application	EN ISO - 14644-1	ISO Class 5 (100)
Warranty		3 years