

*The Ergomat Nitril ESD-Conductive is made of pure Nitril rubber and is designed to increase comfort while reducing tripping hazards, body aches, quality issues, and sick leaves. The ultimate mat for areas requiring static dissipation.*



### Unmatched 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 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 Nitril ESD-Conductive Advantage

- Chemical exposure will not affect the state of the top of the mat; no curling up, swelling, or expanding
  - No loss of the ergonomic properties and no tripping hazard
- Static control
- 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® Nitril ESD-Conductive**

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Properties	Standard	ERGOMAT Nitril ESD
Material		Nitrile
Color		Black
Weight		3300 g +/- 50 g // 7.3 lbs +/- 1.75 oz
Length without beveled edges		91.4 cm +/- 1% // 36" +/- 1%
Width without beveled edges		60 cm +/- 1% // 23.63" +/- 1%
Thickness		11 mm // 0.43 in
Density	ISO 2781	1260 kg/m <sup>3</sup>
Hardness	ISO 868	50-60 Sh A
Friction	AVK Standard	173 N
Abrasion Load = 5 N	ISO 46 49 (5N)	63 mm <sup>3</sup> // 2.5 in <sup>3</sup>
Elongation at break	ISO 37	400%
Tearing strength	ISO 34 Method C	36 N/mm
Electrical resistance Surface point to point % 50 RH	IEC-613404-11 ESD STM7.1-2001	5 x 10 <sup>4</sup> Ω - 1 x 10 <sup>7</sup> Ω
Thermal Conductance	Table value	3,3 W/m/°C
Flame Point	Table value	400°C // 752°F
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
UV-resistance		Inferior
Cleanroom application	EN ISO - 14644-1	ISO Class 5 (100)
Warranty		3 years