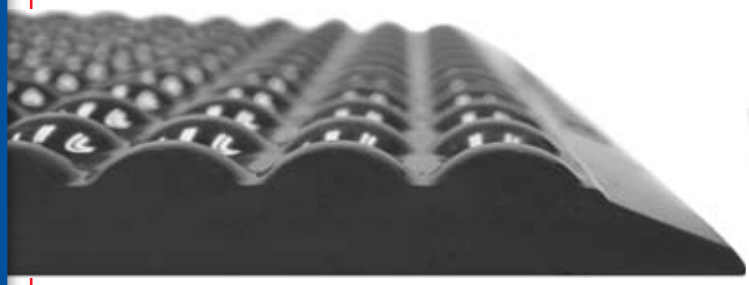
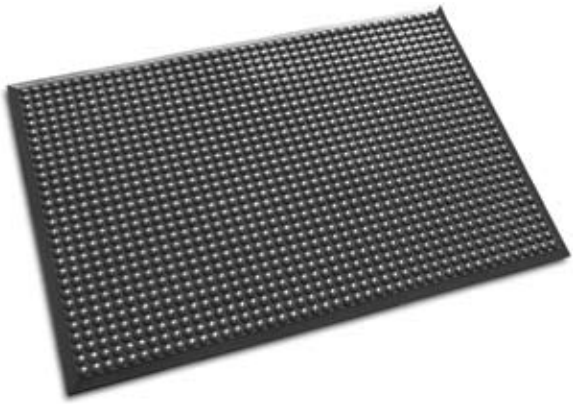
ERGOMAT® Infinity Bubble ESD

Ergomat Infinity Bubble ESD is the only true ergonomic mat available with up to a lifetime warranty (in dry applications). The Infinity Bubble ESD mat has the comfort of a Polyurethane mat and has the added benefit of easy cleanability due to it's closed-cell and nonporous surface. Ergomat Infinity Bubble also has extremely good chemical and UV resistance (except for organic solvents).





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

- Raw virgin material only
  - Unbeaten durability and ergonomic relief
- Silicone & latex-free
- Not only anti-fatique, 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.
  - Solid mat throughout; no hollow bubbles that collapse

The Infinity ESD Advantage

- Ideal for any environment where electrostatic dissipation is necessary
- Chemical and UV exposure will not affect the state of the top of the mat; no curling up, swelling, or expanding
- The closed cell / non-porous surface allows for easy wash down / cleaning
- Cleanroom ISO Class 5 (100)

6 years, 12 years for retail environments

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 25º C (77º F) and the humidity is below 80%.

Over time in use, there may be yellowing of the white polyurethane on the underside of Infinity mats, similar to what you find with any white polymer. This can be a result of cleaning products used or other environmental factors such as humidity or UV lighting, etc.

This color shift does not fall under the product warranty. It does not affect the durability, performance or functionality of the product in any way.

ERGOMAT®

Sole Agent of ERGOMAT in Asia Pacific Region
WSL Warehouse Systems Limited
T: +852 3157 0987 F: +852 8343 0099 E: cs@WSL.hk
W: www.WSL.hk

Properties	Standard	ERGOMAT Infinity Bubble ESD
Material		Foamed Polyurethane
Color		Black
Weight		2600 g +/- 50 g // 5.7 lbs +/- 0.1 lbs
Length without beveled edges		90 cm +/- 1% // 35.5" +/- 0.38"
Width without beveled edges		60 cm +/- 1% // 23.5" +/- 0.38"
Thickness		14,5 mm // 0.57"
Density	ISO 2781	400 kg/m³ +/- 10 %
Hardness	DIN 53505	37-45 Sh A
Surface Durability	DIN 4649 test equipment with 2,5N load	30 m
Fire Behavior	DIN 4102 Part 1 / Section 6.2	Flame retardant
Electrical Resistance Surface point to point % 50 RH	IEC-61340 4-1/ ESD STM7.1-2001	$3 \times 10^8\ \Omega$ - $8 \times 10^8\ \Omega$
Thermal properties Minimum use Maximum use Maximum short duration	The ergonomic properties remain	 0°C // 32°F 25°C // 77°F 40°C // 115°F
Cleanroom application	EN ISO 14644-1	ISO Class 5 (100)
Warranty		6 years, 12 years for retail environments

Resistance Chart

(all the following recommendations are based on use of mats in dry areas, where spillage of liquids is removed shortly after exposure)

	Surface	Back-side
Weak acid	Good	Fair
Strong acid	Fair	Poor
Weak alkalis	Good	Fair
Strong alkalis	Fair	Poor
Organic solvents	Poor	Fair
Alcohols	Fair	Fair
Hydrocarbons	Excellent	Fair
Water	Excellent	Fair
UV radiation	Good	Poor

Cleaning Method

Sweep or vacuum clean:

In case washing is necessary, wash surface with soapwater (pH range 2 - 9.5). If the backside of the mat gets wet during the washing, the mat must lie upside down until it is dry and all the moist has gone.