



AES - Infinity Mat

Infinity Series mats are durable polyurethane ergonomic mats with a closed cell surface that resists light moisture and most chemical exposures. Available in ESD version and 3 profiles: Deluxe, Smooth and Bubble.

- SMOOTH/DELUXE ESD
- BUBBLE ESD
- DELUXE
- SMOOTH/BUBBLE



3 Profiles	Infinity Deluxe	Infinity Smooth	Infinity Bubble
	Thickness .62" (1.5cm)	Thickness .43" (1.1cm)	Thickness .57" (1.45cm)

BENEFITS

- ESD OPTION:** Engineered with enhanced static control. Electrical resistance : $3 \times 10^8 \Omega - 8 \times 10^8 \Omega$
- ERGONOMIC:** Designed to stimulate circulation in feet, legs and lower back. Circulation is stimulated by the unique, patented surface profile of ESD mats, which forces muscular response.
- BEVELED EDGES:** Molded w/ bevels. Yellow bevels can be added. Bevels will never curl up, eliminating trip hazards.
- ISO CLEANROOM CERTIFIED:** Infinity mats are ISO Cleanroom Class 5 (Class 100) rated.
- ANY SIZE ANY SHAPE:** Can be custom made in any size and shape, creating one continuous surface to eliminate seams and trip hazards.
- SILICON FREE:** All ESD mats are silicon free.
- TRUE WARRANTY:** Manufacturer stands 100% behind our products with full replacement coverage if our product fails to perform as promoted within that period. Manufacturer refers to this as *True Warranty*

antistatic-esd-solutions.com • aes-admin@antistatic-esd-solutions.com

AES - INFINITY

	SMOOTH	BUBBLE	SMOOTH ESD	BUBBLE ESD	INFINITY DELUXE
Material.....	Foamed Polyurethane				
Color	Black, Silver, White, Blue, Yellow, Red, Stainless, Brown, Green		Black, Silver, White, Stainless, Blue	Black, Silver, White, Stainless, Blue	Black, Silver, Stainless, Blue
Weight.....	2200 g +/- 50g // 4.85 lbs +/- 0.1 lbs	2600 g +/- 50 g // 5.7 lbs +/- 0.1 lbs	2200 g +/- 50g // 4.85 lbs +/- 0.1 lbs	2600 g +/- 50 g // 5.7 lbs +/- 0.1 lbs	2775 g +/- 50 g // 6.1 lbs +/- 0.1 lbs
Length without beveled edges ..	91 cm +/- 1% // 35.8" +/- 0.38"				
Width without beveled edges.....	60 cm +/- 1% // 23.6" +/- 0.38"				
Thickness	1.1 cm // 0.43"	1.45 cm // 0.57"	11 mm // 0.43"	1.45 cm // 0.57"	1.5 cm // 0.62"
Density.....	400 kg/m ³ +/- 10 % ISO 2781				
Hardness	37-45 Sh A DIN 53505				33-38 Sh A
Surface Durability.....	30 m DIN 4649 test equipment with 2,5N load				
Electrical Resistance Surface point to point % 50 RH	3x10 ⁸ Ω-8x10 ⁸ Ω IEC-61340 4-1/ ESD STM7.1-2001	3x10 ⁹ Ω-5x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1-2001	3x10 ⁸ Ω-8x10 ⁸ Ω IEC-61340 4-1/ ESD STM7.1-2001	3x10 ⁸ Ω-8x10 ⁸ Ω IEC-61340 4-1/ ESD STM7.1-2001	3x10 ⁹ Ω-5x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1-2001
Fire Behavior.....	Cfl-s1(B) EN 13501-1 (DIN 4102-B1 Part 14)				
Thermal Properties					
Minimum use.....	0°C // 32°F				
Maximum use.....	32°C // 90°F				
Maximum short duration.....	40°C // 115°F				
Cleanroom Application.....	ISO Class 5 (100) EN ISO 14644-1				
Warranty	6 years, 12 years for retail environment				

antistatic-esd-solutions.com • aes-admin@antistatic-esd-solutions.com