



AES - Complete Mat

The Complete Series ergonomic mats are feature rich. They can tolerate mild exposure to oils and other liquids while providing enhanced anti-static protection. It is self-extinguishing when introduced to open flame, which qualifies Complete Mats as fire retardant according to standard EN 13501-1. Available in ESD version, and 3 profiles: **Deluxe**, **Smooth** and **Bubble**.

COMPLETE BUBBLE ●

COMPLETE SMOOTH/SMOOTH DELUXE ●

COMPLETE BUBBLE ESD ●

COMPLETE SMOOTH ESD ●



3 Profiles

Complete Deluxe

Complete Smooth

Complete Bubble



Thickness .6" (1.5 cm)



Thickness .43" (1.1 cm)



Thickness .55" (1.5 cm)

BENEFITS

ESD VERSION : Engineered with enhanced static control. Electrical resistance : $3 \times 10^8 \Omega - 8 \times 10^8 \Omega$

FIRE RETARDANT : Self-extinguishing when introduced to open flame, which qualifies the Complete mats as fire retardant according to standard EN 13501-1.

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 : Molded w/ bevels. Yellow bevels can be added. Bevels will never curl up, eliminating trip hazards.

ISO CLEANROOM CERTIFIED : Complete 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 Ergomat 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*

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	SMOOTH	BUBBLE	SMOOTH ESD	BUBBLE ESD	SMOOTH DELUXE
Material.....	Foamed Polyurethane				
Color	Dark Gray		Light Gray	Light Gray	Dark Gray
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	11 mm // 0.43"	15 mm // 0.57"	11 mm // 0.43"	15 mm // 0.57"	15 mm // 0.6"
Density	390 kg/m ³ +/- 10 % ISO 2781				
Hardness	22-30 Sh A DIN 53505				
Compression Pressure face = ø 100mm % by pressure of 240kg	50% Tinby A/S standard				
Electrical Resistance Surface point to point % 50 RH	1x10 ⁹ Ω-8x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1-2001	1x10 ⁹ Ω-5x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1- 2001	1x10 ⁸ Ω-4x10 ⁸ Ω IEC-61340 4-1/ ESD STM7.1-2001	1x10 ⁸ Ω-4x10 ⁸ Ω IEC-61340 4-1/ ESD STM7.1-2001	1x10 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.....	5 years				

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