

## Technical Information

Page 1 of 2

**Part No.:** 1306.B1.



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## **Dissipative Anti-Fatigue Mats** (“Easy Standing” mat)

Anti-fatigue ergonomic floor mats, designed to improve worker comfort and productivity.

(Part No.: 1306.B1.0650.0950)

### **Size:**

950 x 650 x 13 mm

± 1 cm tolerance for width and length

Custom sizes on request



--> | |<-- 14mm



**“Easy Standing” mat**

- Static dissipative PUR material
- Ergonomic
- Soft and elastic
- Dome cell structure
- Improved standing comfort
- Heat and sound absorbent
- Anti-skid and shock absorbent
- Bevelled edges
- 10mm snap connection
- Standard mat sizes
- Black (RAL 7016)
- CFC-free
- Complies with EN 61340-5-1
- Improved anti-fatigue properties
- Size extension by gluing
- Marked with ESD symbol and DIN 4102/B1

### **Technical data:**

Property	Standard	Requirement	Typical values
Thickness	EN 428		13 mm
Weight	EN 430		5740 g/m <sup>2</sup>
Resistance to ground R <sub>E</sub>	EN 61340-4-1	EN 61340-5-1: ≤ 10 <sup>9</sup> Ω	10 <sup>7</sup> – 10 <sup>9</sup> Ω
Wearer overall resistance R <sub>E System</sub>	EN 61340-4-5 ESD STM 97.1-1999	EN 61340-5-1: ≤ 35 MΩ (≤ 3,5 x 10 <sup>7</sup> Ω) (Recommended for primary means for grounding)	10 <sup>7</sup> – 10 <sup>9</sup> Ω (depends on footwear)
Walking Test (Body voltage measurement)	EN 61340-4-5 ESD STM 97.2-1999	Recommendation (Ideal): Body voltage < 100 V	Body voltage < 100 V (depends on footwear)
Slip resistance	DIN 51130/ ZH1/517		R10
Shore Hardness	53505		30 Shore A (±3)
Compression Strain (40%)	53577		0,25 N/mm <sup>2</sup>
Abrasion resistance (2,5N)	53516		< 150 mg
Tear strength	53455-6-4		> 1 N/mm <sup>2</sup>
Elongation	53455-6-4		> 300 %
Usable temperature range			- 40°C to + 80°C (for a short time + 120 °C)
Flammability	DIN 4102	Class B1	Class B1

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**Recommended grounding for mats with larger dimensions:**

- 1.) Stick the self-adhesive aluminium tape (Art.-Nr.: 2821.AL.50, width: 50 mm, length: 50 m / roll) in a grid onto the floor.
- 2.) The weight of the mat ensures that there will be an electrical contact between the dissipative mat and the aluminium tape. The aluminium tape can be grounded at a suitable grounding connection.



► 5 years limited warranty.