

Electrostatic dissipative two-layer mottled mat

Ideal for flooring applications due to its high robustness and surface finish

911.10165 datasheet

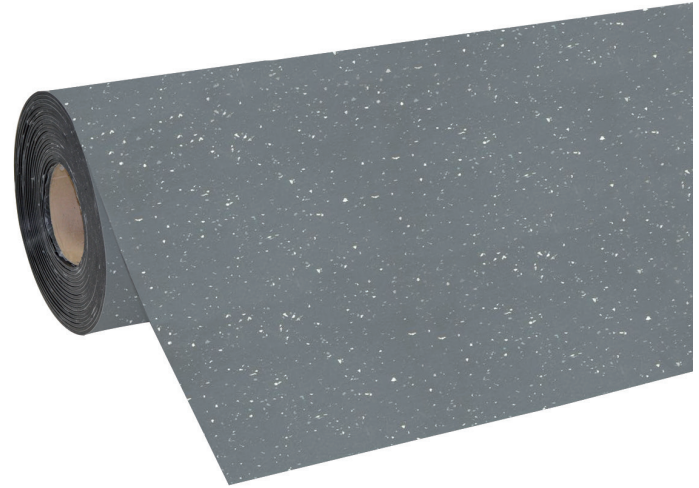
soluciones **electrostáticas**



1. Description

Two-layer mat suitable for flooring and work surface coverings in environments where electrostatic charges must be conducted to ground, in order to protect electronic devices and prevent electrostatic discharges in ATEX environments.

Manufactured with two layers of rubber, calendered and vulcanized together. The mat is electrostatic dissipative on its upper mottled grey surface and electrostatic conductive on its lower black surface. Ideal for floor covering applications. The upper surface is made with a dispersion of multicolored particles, providing a mottled finish with interspersed shades of different tones, with a maximum diameter of 2 mm, designed to conceal stains.



Specific features

- ✓ 100% PVC- and phthalate-free
- ✓ Calendered surface with a slight texture to reduce light reflection and improve personal comfort
- ✓ Protection against minor impacts due to the natural resilience of rubber
- ✓ Prevention of slipping of delicate components thanks to an excellent coefficient of friction
- ✓ Heat resistant: the rubber does not melt or ignite when in contact with hot metal surfaces or welding spatter
- ✓ The mat is designed to be laid loose (light traffic) or glued to the floor
- ✓ Excellent flexibility, comfort, and mechanical and chemical resistance

2. Properties

Surface resistance (EN60079-32/NFPA 99/UNE 61340-4-1)	<1E+09 Ω
Earth resistance (EN60079-32/NFPA 99/UNE 61340-4-5)	<1E+09 Ω
Insulation resistance (VDE 0100)	>5E+04 Ω
Discharge time 5 - 0,5 kV (FTMS 101B n4046)	0,02
Generation of charge when walking on it (AATCC 134)	<100V
Abrasion resistance 5N (ISO 4649, método A)	≤ 200 mm ³
Hardness (ISO 7619)	85 ± 5 Shore A
Slit (EN 433)	≤ 0,20 mm
Dimensional stability (EN 434 - 6H/80°C)	≤ 0,4 %
Slip resistance	μ ≥ 0,40 (B.C.R.A. Tortus Test) Class R9 (DIN 51130 - BIA)
Oil resistance	(ASTM D 471) ASTM 1 y 3
Chemical resistance (EN 423)	Resistant to chemical maintenance agents
Thickness	2,5 mm
Weight	3,3 kg/m ² , 63 kg per roll
Format	1,9m × 10m roll
Materials	Contains SBR (Styrene-Butadiene Rubber) and NBR (Nitrile Rubber)
Colour	Mottle gray
Others	It can be cut with a cutter. Store vertically

Code	Description
911.10165	Electrostatic dissipative mat roll 1,9 × 10m
Código	Accesorios opcionales
610.47619	Copper adhesive tape 0,15 × 19 mm × 50 m
615.00015	Pyramidal grounding cable for mat, 10 mm (male) + 4,5 m banana plug terminal
615.00063	10 mm (female) snap fastener with progs for connecting mat/rug grounding cable
911.10001	Grounding system for antistatic flooring
911.10002	Double-sided tape 50 mm x 25 m
911.10020	Conductive adhesive for vinyl flooring



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