

ESD grounding mat
black 610 x 450 x 1.5 mm

Art.-Nr. **9-366-0**
ESD mat suitable for table, shelf or floor

Specification

Resistance 10^6 to 10^7 ohm (back side 10^3 to 10^4 ohm)
 Top and back side black electrostatically synthetic rubber
 With 2 press buttons 10 mm for ground connection, ESD safe protection
 And workplace support for SMD /THT assembly, solder-resistant work place pad,
 Heat-resistant, abrasion-resistance, halogen-free, extremely wear-resistant, permanently elastic
 Measures 610 x 450 x 1.5 mm
 Weight 500 g



Application and technology

The grounding mat as a safe method to dissipate electrostatic charge, suitable for table, shelf or floor. Connection recommendation: 9-359-1 ESD earthing module 3x10 mm push button for table screw connection or 9-359-2 ESD earthing plug 2x10 mm push button and M5 connection for EU sockets. (Cable: 9-343-1 ESD earthing cable 1 MOhm, length 1.8 m)
 Products meet the requirements of DIN EN 61340-5-1. Specifications of the mat: Abrasion (load: 5N) 130 mm³, hardness 80 Shore A, impression test 0.1 mm, temperature range of application up to + 60°C.

Technical data

	standard	values
Specific weight	DIN 53479	1.4 g/cm ³
Abrasion (load: 5N)	DIN 53516	130 mm ³
Hardness	DIN 53505	80 Shore A
Indentation test	DIN 51955	0.1 mm
Light reflectance	DIN 5036	19% - 29 %
Temperature application range	-	bis + 60 °C

Product qualification according to DIN EN 61340-5-1 (2008-07)

	test method	limit values	typical values
Resistance to earthing point Rgp	DIN EN 61340-2-3	< 1 x 10 ⁹ Ω	10 ⁶ - 10 ⁷ Ω
Point-to-point resistance Rp-p	DIN EN 61340-2-3	< 1 x 10 ⁹ Ω	10 ⁷ Ω
Ambient conditions: 12 ± 3 % rel. humidity and 23 ± 2 °C (conditioning > 48 hours)			

Electrical properties

	test method	limit values
Point-to-point resistance (conductive back) Rp-p	DIN EN 61340-2-3	10 ³ - 10 ⁴ Ω

The specifications are intended as guidelines. They have been compiled on the basis of extensive tests. They are not legally binding.