

# DATA SHEET

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## ESD grounding mat gray 900 x 610 x 2 mm

**Item No.** **9-361-0**  
ESD suitable mat for table, shelf or floor

### Specification

resistance  $10^6$  to  $10^7$  ohm (back side  $10^3$  to  $10^4$  ohm)  
Platinum gray on top, black back of electrostatically dissipative synthetic rubber  
With 2 press buttons 10 mm for ground connection  
Solder-resistant workplace pad, heat-resistant, abrasion-resistant, scratch proof  
Extremely wear-resistant, permanently elastic, Halogen free  
Measures 900 x 610 x 2 mm  
Weight 1400 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 mm<sup>3</sup>, hardness 78 Shore A, impression test 0.1 mm, light reflectance 19% - 29%, temperature range of application up to + 60°C.

### Technical data

	standard	values
Specific weight	DIN 53479	1.4 g/cm <sup>3</sup>
Abrasion (load: 5N)	DIN 53516	130 mm <sup>3</sup>
Hardness	DIN 53505	78 Shore A
Indentation test	DIN 51955	0.1 mm
Light reflectance	DIN 5036	19 % - 29 %
Temperature application range	-	to + 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	$< 1 \times 10^9 \Omega$	$10^6 - 10^7 \Omega$
Point-to-point resistance Rp-p	DIN EN 61340-2-3	$< 1 \times 10^9 \Omega$	$10^7 \Omega$

Ambient conditions:  $12 \pm 3$  % rel. humidity and  $23 \pm 2$  °C (conditioning > 48 hours)

### Electrical properties

	test method	limit values
Point-to-point resistance (conductive back) Rp-p	DIN EN 61340-2-3	$10^3 - 10^4 \Omega$
Point-to-point resistance Rp-p	DIN EN 61340-2-3	$< 1 \times 10^9 \Omega$

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