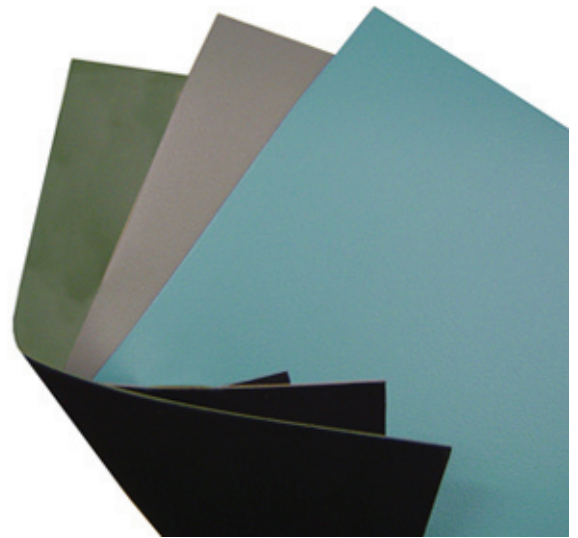


ESD Matting

Features:

- Reflection breaking surface to reduce glare and improve operator comfort
- Protection against small collisions thanks to natural resilience of rubber
- Prevention of sliding of delicate components thanks to excellent friction coefficient
- Heating resistance: rubber does not melt or burn coming into contact with hot metal parts or soldering debris
- Chemical resistance: please see detailed data sheet
- Oil resistance: this product resists most oils
- Suitable for loose laying: does not require application with adhesive
- Good resistance to scratches
- Excellent flexibility and comfort



Details	
Material	Conductive rubber, static dissipative rubber
Thickness	2mm
Width	120cm
Length	10m per roll
Surface	Non-shining
Tester	ETS 406C Static Decay Meter, 3M Model 701 Test Kit for Static Control Surfaces
Hardness (ISO 7619)	75±5 shore A
Abrasion Resistance (ISO 4649, method A)	≤200mm ³
Indentation (EN433)	≤0,20mm
Cigarette burning resistance (EN1399)	No burn
Chemical resistance (EN423)	Resistant to chemical agents normally used for maintenance
Dimensional Stability (EN424 - 6h/80°C)	≤0.4%
Surface Resistance Top Layer (EN 100015.1-IEC61340)	About 10 ⁸ Ω
Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	About 10 ⁵ Ω

Product Code:	Description:	Size:	Additional Notes:
082-0028	ESD Matting 2mm	1.2m wide / 10m length per roll	Blue
082-0034	ESD Matting 2mm	1.2m wide / 10m length per roll	Grey
082-0035	ESD Matting 2mm	1.2m wide / 10m length per roll	Green

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ESD Matting

ESD Matting Specification:

Characteristic:	Standard:	Average Results (Ω):
Surface Resistance	IEC 61340-4-1	$1 \times 10^7 / 1 \times 10^9$
EN 1000015-1	-	$5 \times 10^6 / 5 \times 10^8$
EOS/ESD S11-11	-	$1 \times 10^7 / 5 \times 10^8$
Volume Resistance	IEC 61340-4-1	$5 \times 10^6 / 1 \times 10^8$
Resistance to Ground	EN 100015-1	$1 \times 10^6 / 1 \times 10^8$
EOS/ESD S11-11	-	$1 \times 10^6 / 1 \times 10^8$
IEC 61340-4-1	-	$5 \times 10^6 / 5 \times 10^7$
Charge Decay	FED TM 101C (5000V-50V)	<0,01sec

Results after accelerated ageing at 70°C for 12 days:

Characteristic:	Standard:	Average Results (Ω):
Surface Resistance	EOS/ESD S11-11	< 10^9
EN 1000015-1	-	-
Volume Resistance	IEC 61340-4-1	< 5×10^8
Resistance to Ground	EOS/ESD S11-11	< 10^8
IEC 61340-4-1	-	< 10^8
Charge Decay	FED TM 101C (5000V-50V)	<0,02sec

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