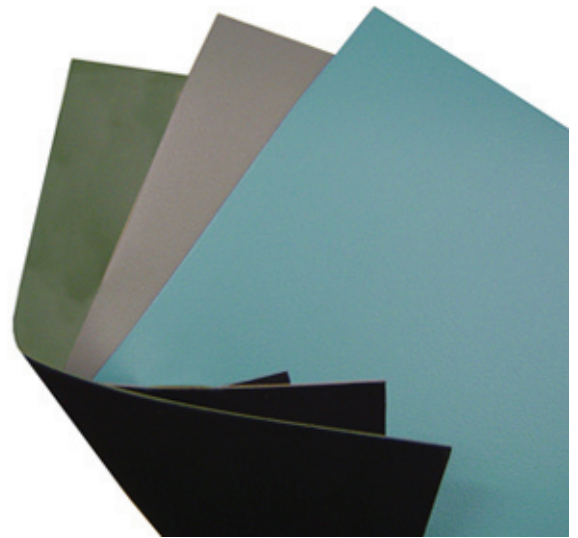


## ESD Matting

### 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 <sup>3</sup>
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 <sup>8</sup> Ω
Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	About 10 <sup>5</sup> 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

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, a ny error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2008.

# ESD Matting

## ESD Matting Specification:

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

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2008.