

## Workstation Equipment

## Ground Cords



- Large choice of lengths, styles and terminations
- The lightweight coiled cords are ideal for use with wristbands
- Straight cords used with bench mats and fixed earthing points
- 4mm banana plug terminations include crocodile clips, except where indicated

- All socket terminations incorporate a 1MΩ resistor
- Bench mat ground cord has a moulded protective cover to resist accidental damage
- Conforms with IEC 61340-5-1, EN100 015-1

End-to-end resistance (banana plug termination) 1.0MΩ ±5%  
(two socket terminations) 2.0MΩ ±5%

STA6

Terminations	Cord Length (m)	Mfrs. List No.	Order Code	Price Each		
Coiled Cord, Yellow				1+	10+	50+
B/Plug + 4mm skt	2	J4211YC	<b>438-613</b>			
B/Plug + 10mm skt	2	J4221YC	<b>438-625</b>			
10mm socket + 10mm skt	2	J4222YC	<b>438-637</b>			
Coiled Cord, Black						
B/Plug + 4mm skt	1	J4111C	<b>438-583</b>			
B/Plug + 4mm skt	2	J4211C	<b>178-386</b>			
B/Plug + 10mm skt	1	J4121C	<b>438-595</b>			
*B/Plug + 10mm skt	2	J4221C	<b>178-389</b>			
B/Plug + 10mm skt	3	J4321C	<b>264-994</b>			
4mm socket + 10mm skt	2	J4224	<b>179-803</b>			
10mm socket + 10mm skt	1	J4122	<b>438-601</b>			
10mm socket + 10mm skt	2	J4222	<b>179-804</b>			
10mm socket + 10mm skt	3	J4322	<b>265-007</b>			
Lightweight Coiled Cord, Black						
B/Plug + 4mm skt	2	J4464C	<b>179-801</b>			
10mm socket + 10mm skt	2	J4422	<b>518-499</b>			
Straight Cord						
*B/Plug + 4mm skt	1.5	J4611	<b>178-384</b>			
*B/Plug + 10mm skt	1.5	J4621	<b>178-387</b>			
*B/Plug + 10mm skt	2.5	J4721	<b>595-706†</b>			
*B/Plug + 10mm skt	5.0	J4821	<b>178-388</b>			
10mm skt + 10mm skt	0.7	J4923	<b>179-805</b>			
10mm skt + 10mm skt	1.5	J4623	<b>179-806</b>			
10mm skt + 10mm skt	2.5	J4722	<b>595-718</b>			
10mm skt + 10mm skt	5.0	J4822	<b>179-807</b>			
M5 ring tml + 10mm skt	0.7	J4912	<b>595-688</b>			
M5 ring tml + 10mm skt	1.5	J4612	<b>254-307</b>			
Bench Mat Ground Cord						
M5 ring tml + 10mm skt	1.8	J6486	<b>877-670</b>			

\* Denotes supplied without crocodile clips

† Available until stocks are exhausted

## Bench and Floor Mat Ground Cords

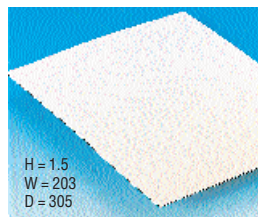


- 997-250:** 4.6m straight cord
- Damage resistant, moulded male stud
  - 1 MΩ built-in
- 997-262:** Wristband/mat grounding system
- Snap-on fixing to mat
  - Accepts up to 2 wrist straps
  - 4.6m length, 1MΩ built-in
  - Connects to earthing point

STA92

	Mfrs. List No.	Order Code	Price Each	
4.6m straight cord	3040	<b>997-250</b>	1+	10+
Wristband/mat grounding system	3048	<b>997-262</b>		

## Static Dissipative Inspection Mat

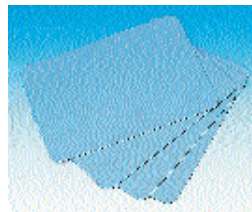


- Highly reflective
- Ideal for inspection work and use with microscopes
- 3 layer rubber construction
- Includes a grounding kit
- Reversible for extra durability
- Superior resistance to abrasion and chemicals
- Heat resistant, solder and flux proof
- Suitable for use in clean room environments

STA113

Mfrs. List No.	Order Code	1+	3+
80298	<b>165-268</b>		

## Protective Operator Pad

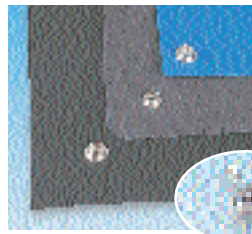


- Prevents damage to bench mats and other worktops
- Use in areas of heavy wear, usually in front of operator
- 6mm static-dissipative foam or 2mm Norastat mat
- Solder splash resistant
- Easy to clean

STAB

Colour	Dimensions		Mfrs. List No.	Order Code	Price Each		
	W	D			1+	5+	10+
Grey	450	380	J0425	<b>738-669</b>			
Grey	600	450	J0426	<b>738-670</b>			
Norastat Pads (Pack of 5)					Price Per Pack		
Blue	300	400	J06485	<b>162-840</b>	1+	5+	10+

## Pre-Cut Bench Mats, Conductive and Static Dissipative



- **Conductive EVA:** easy to clean and chemically inert
  - Non-slip finish, surface resistivity <10<sup>5</sup>Ω/sq
  - Excellent lay flat properties
- **Conductive Vermahide:** Durable soft-feel finish
  - Easy to fit, self-adhesive option
  - Non-slip, solder splash resistant
  - Surface resistivity 10<sup>5</sup>Ω/sq typically

- **Static Dissipative Rubber:** 2 layer synthetic material
  - Superior heat and abrasion resistance
  - Static dissipative top layer, solder/flux resistant
  - Conductive under layer

- **Static Dissipative PVC:** Single layer nitrile material
  - Conductive mats and 484-313 have four 10mm studs
  - Static dissipative mats have one 10mm stud fitted
  - Additional screw-on 10mm studs are available

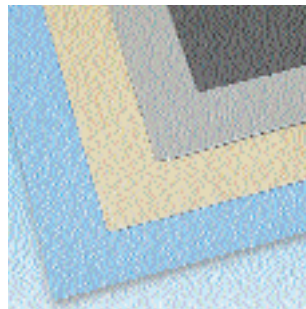
**Note:** Connections to single layer PVC static dissipative mats be made to a single, common point. The earth bonding point cord, order code 179-222 (see page 744) is suitable for this purpose.

STA9

Type	H (mm)	W (m)	D (m)	Mfrs. List No.	Order Code	Price Each		
Conductive						1+	5+	10+
EVA	1.5	0.6	1.2	J0801	<b>175-810</b>			
EVA	1.5	1.2	2.4	J0802	<b>175-811</b>			
Vermahide	1.5	0.7	1.0	J013CF	<b>179-809</b>			
Conductive, Self-Adhesive								
Vermahide	1.5	0.5	0.7	J0123	<b>738-682</b>			
Vermahide	1.5	0.7	1.0	J0122	<b>738-694</b>			
Static Dissipative – Rubber								
Blue, Norastat	2.0	0.6	1.2	J062B	<b>484-313</b>			
Beige	1.5	0.6	1.2	T2B	<b>557-821</b>			
Grey	1.5	0.6	1.2	T2G	<b>557-833</b>			
Blue, Norastat	2.0	0.6	0.9	J063B	<b>162-814</b>			
Beige, Norastat	2.0	0.6	0.9	J063T	<b>162-826</b>			
Grey, Norastat	2.0	0.6	0.9	J063G	<b>162-838</b>			
Static Dissipative – PVC								
Blue	1.5	0.6	1.2	MAT04B	<b>178-450</b>			
Tan	1.5	0.6	1.2	MAT04T	<b>213-202†</b>			
<b>Screw on stud assembly</b>				J5261S	<b>179-810</b>			

† Available until stocks are exhausted

## Bench Mat Rolls, 3.0m and 3.3m



- For cutting to size
- **Vermahide:** Durable, volume conductive grey mat
  - Non-slip, solder splash resistant
  - Economical, ideal for shelf lining
  - Surface resistance 10<sup>7</sup>Ω/sq approx.
- **Norastat:** 2 layer heat/wear resistant rubber mat
  - Top layer is static dissipative
  - Homogenous conductive under layer
  - Solder, flux, oil and grease resistant
  - Surface resistance 10<sup>8</sup>Ω/sq typically
- Rivet stud assembly and tool (see below) is recommended for earthing

**Note:** Both these materials have the practical advantage over 3 layer (buried conductive layer) material in that more than one earthing stud may be used per mat if required, as a reliable link can be formed through contacts to an outer conductive layer.

Surface resistivity (typ.): Vermahide 10<sup>5</sup>Ω/square, Norastat (top layer) 10<sup>7</sup>Ω/square