

ESD RUBBER FLOOR COVERINGS

Art. 749 DUO

ESD double layer (dissipative/conductive) rubber-floor mat designed for non-glued applications (sim- ply lay down and connect to ground). Static dissipative decorated grey top layer and black conductive bottom layer to ensure safe, fast and effective charges drainage. Excellent resistance to wearout. Available by the roll or cut-on-size.

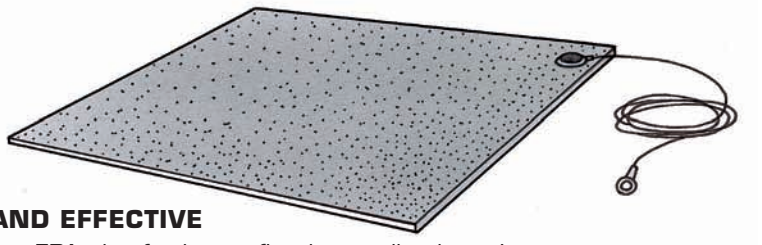
Colour	Grey with dot decoration
Thickness	2.5mm
Roll height	1.90m
Roll weight	64.5 kg
Surface resistance	$5 \times 10^6 - 5 \times 10^8$
Resistance to ground	$5 \times 10^6 - 5 \times 10^8$
Charge decay time	<0.5 sec



FLOORING APPLICATION OF ELME 749 DUO MATS

STANDARD APPLICATION

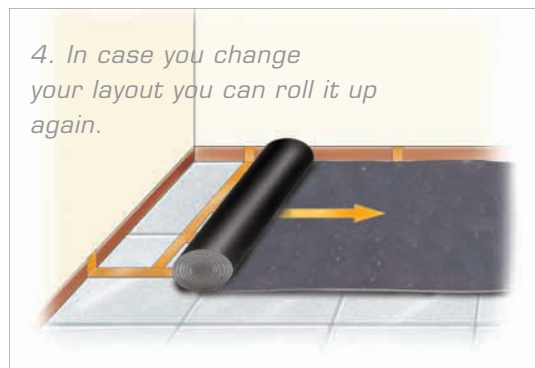
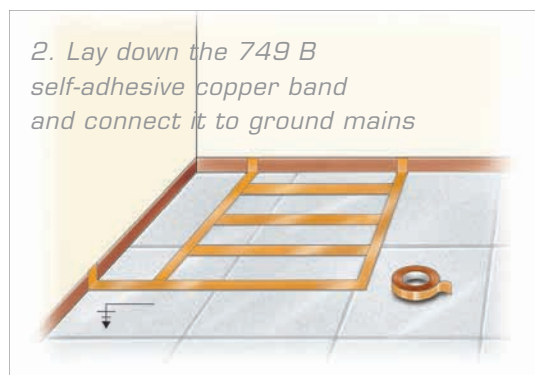
If you have to cover a specific portion of your floor just lay down the mat and ground it, using Art. 601 grounding cord (includes 1 megOhm resistor)



EXTENDED FLOOR AREA - NO GLUE - SIMPLE AND EFFECTIVE

Save money and time. Use 749 DUO rubber mat for your EPA also for larger flooring applications. In fact the bottom black conductive layer ensures a perfect grounding - no glue needed. Use art 749 B self-adhesive copper band for your comfort.

No glueing needed, no specialized workmanship. You can re-cycle the mat in a new area just rolling it up again. Remember to maintain the 749 DUO surface clean.

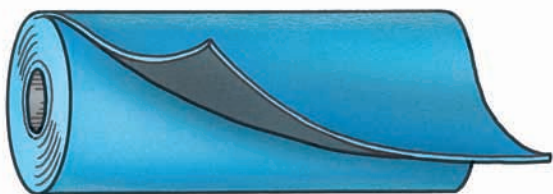
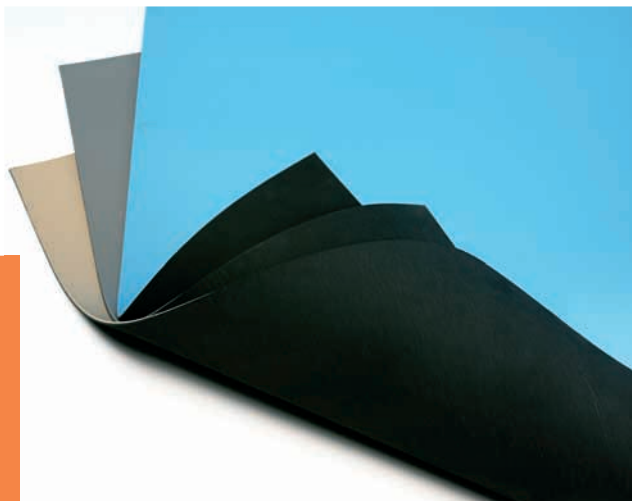


HIGH TEMPERATURE RESISTANT BENCHMATS

Art. 157

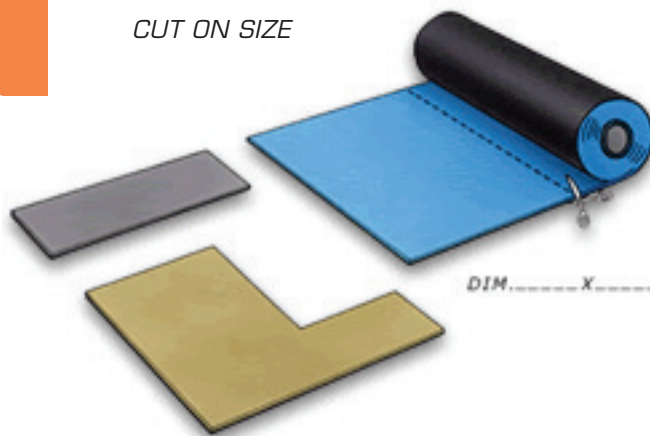
ESD double layer dissipative/conductive rubber mats for benches, resist to high temperatures over 400° C, are PVC free (no outgassing), feature permanent ESD properties and non-porous surface (easy cleansing), lowest light reflection and high noise absorption. Oils and chemicals resistant (ask for chart).

Surface resistance	5x10 ⁶ - 5x10 ⁸ Ohm
Resistance to ground	5x10 ⁶ - 5x10 ⁸ Ohm
Charge decay time	<0.009 sec. (5000V - 500V) <0.034 sec. (5000V -50V)
Colours	beige, grey or light blue
Thickness	2mm
Roll size	1.22x10m (12.22m ²)
Roll weight	36 kg



BY THE ROLL

CUT ON SIZE



ESD BENCHMAT KITS

Art. 157 KIT

The ESD benchmat kits, include all the necessary parts to install a fully equipped ESD workstation. Each kit includes one 157 benchmat (die-cut rounded edges and ESD symbol print) one ONE TOUCH wristband set and one 601 ground cord for the mat (1 Meg resistor for safety included).

Kits are available in different colours and different dimensions. All kits supplied individually packed in a carton box.

157 KIT 4060 BLUE	Kit blue	400x600
157 KIT 4060 BEIGE	Kit beige	400x600
157 KIT 4060 GREY	Kit grey	400x600
157 KIT 6090 BLUE	Kit blue	600x900
157 KIT 6090 BEIGE	Kit beige	600x900
157 KIT 6090 GREY	Kit grey	600x900
157 KIT 60120 BLUE	Kit blue	600x1200
157 KIT 60120 BEIGE	Kit beige	600x1200
157 KIT 60120 GREY	Kit grey	600x1200

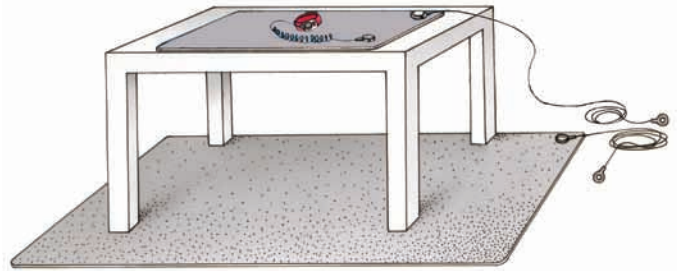


ESD COMBINED KITS (BENCH & FLOOR)

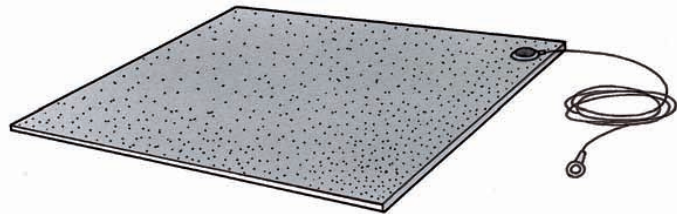
BENCH & FLOORMAT GROUNDING KIT

Art. 157+ 749 DUO KIT

ESD benchmat and flooring kit includes one grey benchmat Kit 157 6090 colour grey and one floormat 749 DUO KIT with two separate grounding cords (Art. 601).



E. P. A.



FLOORMAT ONLY GROUNDING KIT

Art. 749 DUO KIT

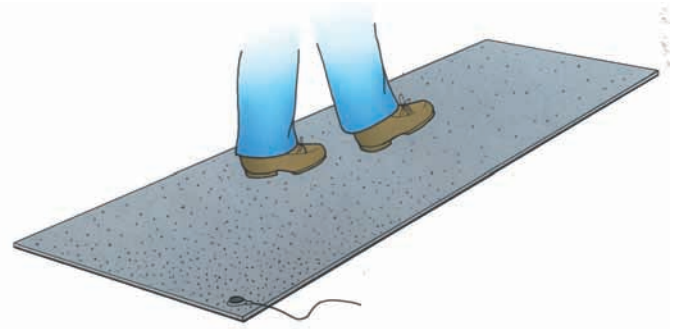
ESD floor mat kit 1200x1900mm includes one 749 DUO floor mat cut with a 10mm ground stud and one 601 ground cord.

FLOORMAT RUNNER GROUNDING KIT

Art. 749 DUO RUNNER KIT

Flooring runner kit for passage areas (personnel and trolleys).

Includes one cut art. 749 DUO size 950x3000mm, ground cord art. 601 (1 meg resistor) and 2 ground male snaps.



GROUNDING THE MATS

MAT CONNECTION CORDS

Connection cords female snap 10mm to female snap 10mm. No resistor



Art. 602/BOTTONE lenght 2m

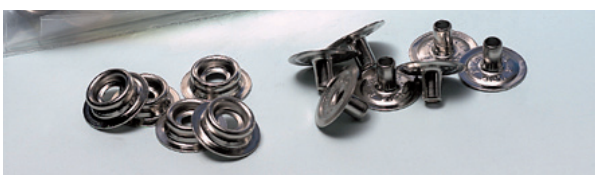
Art. 603/20 lenght 200mm
Art. 604/32 lenght 320mm

MAT SNAPS

(Set 100 pcs)

Art. 604/M10 male snaps 10mm

Art. 604/F10 female snap 10m



MAT GROUND CORD

Art. 601

Length 3m, 1MOhm resistor, from female protected button 10mm to ring end 5mm.



HAND PUNCHING TOOL

Art. 605 HAND/M

For male snaps

Art. 605 HAND/F

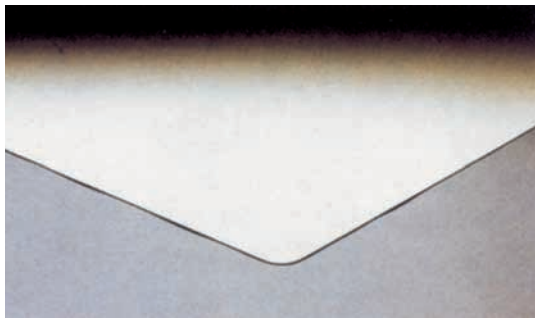
For female snaps

LA-2 ESD HARD LAMINATE & BENCHES

HIGH PERFORMANCE DISSIPATIVE HARD LAMINATE AND REPLACEMENT TABLE TOPS

LA-2 static dissipative hard laminated surface is the most durable ESD safe solution for bench tops and shelves in your electrostatic protected area: a total and no sparking drainage of static charges to ground eliminates ESD danger on sensitive components.

LA-2 features high resistance to wear-out, abrasion, solder melt, humidity and every day use.



Art. LA-2 laminate sheet is available
 1) sheet size 3050x1350 mm
 2) cust on customer's size

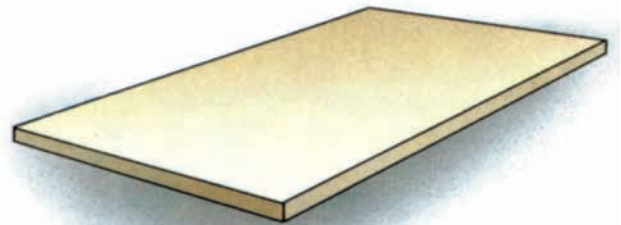
FEATURES

Dissipative surface
(10^6 - 10^8 Ohm - res. vol.)
1.2 mm. thickness
Cuts at customer's need

Resistant to chemical agents,
RH and hot solder melt
Non reflecting beige/grey
colour

BENEFITS

Suitable for most sensitive components
 Withstands abrasion
 Manufacture of replacement shelves and workbenches any size
 Duration in time
 Operator's eyes advantage



Art. LA-2/TE replacement table tops are available at customer's requested sizes.
 Chipboards thickness: 22,30,40 mm.

ESD WORKBENCH

Art. TOP WORK & TOP SHELF

Standard work bench with upper shelf. The strong metal structure is light grey epoxy painted, to prevent from scratches. The tops are laminated with LA-2 static dissipative hard laminate.

Note: TOP WORK is available in 2 different std. sizes. Custom sizes are available on request.

Dimensions/mm	H x W x L
TOP WORK 1	800x800x1500
TOP WORK 2	800x800x1800
TOP SHELF 3	600x400x1500
TOP SHELF 4	600x400x1800



GROUNDING THE E.P.A.

A wide selection of common and single points to ground to provide the most suitable solution to all needs.

BENCH POINTS TO GROUND - ALL METAL CONSTRUCTION

Art. CPG 1010 (single operator)

Standard selection: 1 banana receptacle, 1 male snap 10mm, 1 parking male snap 4mm.
Dim: 50x33x30mm

Art. CPG 1020

Art. CPG 1010



Art. CPG 1020 (double operator)

Standard selection: 2 banana receptacles, 2 male snaps 10mm, 1 parking male snap 4mm.
Dim: 80x38x30mm

EARTH BONDING POINTS - FOR CONNECTION TO MAINS

1 MEG RESISTOR

Art. CPG 3000 10M-1R

2x10mm male snaps, 1x M5 ring.
Schuko plug.

Art. CPG 3000 10M-1R

Art. CPG 3000 10M-4B

Art. CPG 3000 10M

3x10mm male snaps, Schuko plug.

Art. CPG 3000 10M-4B

2x10mm male snaps 1x banana
4mm socket Schuko plug.

Art. CPG 3000 10M-1R-UK

2x10 mm male
snaps, 1x M5 ring. UK plug.



Art. CPG 3000 10M - 1R - UK

Art. CPG 3000 10M

Art CPG 4030

New earth facility for all ESD ground connections. Epoxy painted strong aluminium body, M5 post ground connection. Yellow/green 2,5m long ground cord included (no resistor), Bright visible ESD symbol. Two 2x4mm diam. wall fixing holes, External sizes: 50 x 35mm



MULTIPLE GROUNDING POINT & CROCO – PROTECTED

Art. COCCO PRO

Protected croco snap for ground connections.



Art. 610

Protected connector includes 1 female 10mm snap, 1 male 10mm snap and 1 banana 4mm snap. Designed for grounding connection.



ESD LAB CHAIRS (IEC 61340-5-1 & EN1335)

VERA JS is the state-of-the-art ESD chair with a large and comfortable backrest for additional back protection, wider seat (extra-cushioning), choice of armrests fixed or adjustable, large (more stable) polished aluminium base. VERA JS chairs provide continuous and safe drainage of static charges to ground into E.P.A. meeting requirements of ESD std. IEC 61340-5-1. Lined with the special soft, strong & durable flame-resistant ESD fabric, these chairs are comfortable and ergonomic for extended usage into ESD safe production plants. 3 heights available, choice of feet or wheels.



VERA JS1
VERA JS1-300



VERA JS - ESD backrest panel



VERA JS2

THE STRUCTURE

The revised structure follows EN1335 European standards on ergonomic and safe seating. The profiled shape of the backrest is long and large to sustain operator's back in any position. The large seat is designed to sustain operator's back in any position. Both seat and backrest are cushioned with soft ESD high-density foam. Gas elevation allows quick seat adjustment. 5 points ESD polished aluminium base eliminates particulation (especially in cleanroom applications). The fabric is durable, fully ESD (metal-free), and flame-resistant for additional safety.

VERA JS1P & VERA JS1R

Height of the seat: 470 - 590mm

Weight: 10,25kg (netto)

VERA JS1-300 P & VERA JS 1-300R

Height of the seat: 540 - 730mm

Weight: 10,55kg (netto)

VERA JS2P & VERA JS2R (with footrest)

Height of the seat: 650 - 770mm

Weight: 12,15kg (netto)

Base	Polished aluminium
Elevation	Gas elevation
Fabric	Unflammable
Fabric weight	530 g/m ²
Fabric surf. res.	$1 \times 10^5 < R < 8 \times 10^5$
Res. to ground	$1 \times 10^5 < R < 1 \times 10^6$
Fabric color	Grey antracite
Adjustments	Height of seat & back Backrest tilt & depth



VERA & CLEAN JS ARMRESTS

ADJUSTABLE ARMRESTS

FIXED ARMRESTS



ESD CLEANROOM CHAIRS (IEC 61340-5-1 & EN1335)

CLEAN JS cleanroom grade ESD chairs are lined with vinyl conductive cover. No particulation, static electricity dissipation, polished aluminium non-shedding base, CLEAN JS feature all ergonomic advantages of the model VERA JS, plus cleanroom compatible properties.

CLEAN JS1
CLEAN JS1-300



CLEAN JS2



CLEAN JS1P & CLEAN JS1R

Height of the seat: 470 - 590mm

Weight: 10,25kg (netto)

CLEAN JS1-300 P & CLEAN JS 1-300R

Height of the seat: 540 - 730mm

Weight: 10,55kg (netto)

CLEAN JS2P & CLEAN JS2R (with footrest)

Height of the seat: 650 - 770mm

Weight: 12,15kg (netto)

Base	Polished aluminium
Elevation	Gas elevation
Fabric surf. res.	1×10^4
Res.to ground	1×10^5
Fabric color	Black
Adjustments	Height of seat & back Backrest tilt & depth

SPARE WHEELS & FEET



Art.VERA ROT



Art.VERA FOOT

Available spare conductive castors and gliders ESD chairs.

Resistance to ground 10^3 Ohm

ESD SEAT COVERS

Art. SIT-COVER

Strong grey static-dissipative fabric seat-covers designed to convert standard laboratory chairs into ESD safe ones.

Easily adjustable by means of a lace system SIT-COVER fits correctly most kinds of chairs. SIT-COVER includes backrest and seat covers, connection and grounding cords (1M Ohm resistor).

SIT-COVER is a competitive alternative to ESD chairs.



E.P.A. STEP-STOOLS

Art. GABEL

Designed to reach higher shelf in warehouses and other environments GABEL has a strong conductive metal structure and a safe anti-slip rubber top. Despite the low weight,

GABEL is unmovable when loaded with 5 kg. up, due to the thick rubber ring and suspended castors.

Colour: black

Height unloaded: 435 mm



GABOX



GABEL



Step up to reach higher shelves

Art. GABOX

Portable ESD stepbox, 3 different heights (300,400,500mm) includes handle. The structure is strong enough for various hundreds of Kg. portability.

Art. GASTEP & GASTEP PRO

GASTEP is the new line of ESD step-stairs designed for EPA industrial environments (operating load up to 250Kg)

Fully ESD equipped, GASTEP is available in 2 versions, standard and PRO.

GASTEP is designed to be closed flat when not in use

Note: GASTEP PRO 5 is supplied with protection rails



GASTEP PRO



GASTEP

GASTEP and GASTEP-PRO

2 steps
3 steps
4 steps
5 steps

LAST STEP HEIGHT

460mm
700mm
930mm
1160mm

ESD SIGNS

BIG ROUND ADHESIVE SIGNS FOR FLOORINGS AND WALLS

Art. EAL 3232

Place on EPA floorings and walls where extra-ESD attention is required. Excellent adhesion and wearout resistance (ultrastrong PVC). Minimized removal residues. Yellow with black. ESD symbol. Diam.: 320 mm.



ADHESIVE TAPE TO LIMIT E.P.A. BOUNDARIES

Art. REA EPA 50

Self-adhesive floor tape designed to visibly mark the borders of your EPA. Strong adhesion and easy removal with minimized residues. Lettering protected from abrasion. International ESD symbol included. Yellow background, roll dimensions: 50mm x 33m



ESD WALL SIGNS

Art. EAL 3060

Rigid plastic panel, Yellow background 300x600mm

Art. EAS 1025

Plasticized adhesive sign, yellow background, 100x250mm



ESD SMALL ADHESIVE LABELS



Art. EAS 006 006
Labels 6x6mm



Art. EAS0205
Labels 21x50mm



Art. EAS0408
Labels 39x81mm

E.P.A. ACCESSORIES

ESD BENCHMAT CLEANER

Art. EPACLEANER

Protect your ESD benchmat, keep it free from dirt, grease, oil and residue. A clean mat ensures the best charges drainage performance. EPACLEANER keeps in time the original ESD features of the rubber mat or the laminate surface.

1 lt. bottles with spray trigger.
5 lt. bottles



5 LITERS

1 LITER (trigger)

ESD FLOOR CLEANER



Art. E-CLEAN

Specific cleaner for static dissipative floorings into E.P.A. The application does not alter the dissipative features, protecting at the same time the flooring from dirt and residues due to passage of trolleys and personnel. E-CLEAN does not leave residues.

ESD FLOOR WAX

Art. E-WAX

Protect your ESD floorings from abrasions, dirt, and scratches. E-WAX ensures optimal static charges drainage and mechanical protection from high traffic. Water based, high gloss, lowest VOCs. Lowest maintenance costs.



MAINTENANCE CLEANING WIPER

Art.

MULTIWIPE (320x320mm)

Microfibre general cleaning wiper designed for floorings, benchtops and shelves, metal parts, textiles, carpets etc. Usage: wet and wringed out, to clean - dry to remove dust.

Liquid absorption: 289.4% (distilled water)
Maintenance: was with soap, any temperature water (no bleaching)



ESD PAINT

Art. 5600

Static dissipative one-part water based grey coating paint for general use into E.P.A. Applications on floorings, cabinets, walls, racks and other surfaces. Easy maintenance and affordable costs.



ESD BROOM SET

Art. BROOM SET

Conductive broom, 3 lines, 900mm handle, aluminium pan with high handle.

ANTI FATIGUE MATS

Art. RLX

Art. RLX ESD

RLX is designed for operators spending longer stand-up working hours. Minimizes fatigue and facilitates legs blood circulation. Exceptional elasticity & static electricity dissipation.

Ask for standard and special sizes.

Material: foamed polyurethane

Thickness: 11-15mm

Resistance (ESD version): $10^8 - 10^9$ Ohm Excellent oil resistance, anti-slip safe foot-grip due to the profiled surface.

Cleanroom class 100 admissible per Fed Std. 209D.



FIELD SERVICE KIT

Art. KAS 9000

Technicians now can operate safely in uncontrolled conditions using KAS 9000 field service kit.

Connect the mat to ground or to station and start to work.

KAS 9000 has a wide pocket where it is possible to place P.C.B.s and tools.

Colour blue/blue

Surface resistance 3×10^8 Ohm (IEC 61340-5-1)

Dimensions 600x600mm (open mat 600x900mm)



ESD ADJUSTABLE FOOTREST

Art. TOP FOOT

TOPFOOT ESD adjustable footrest is comfortable and ergonomic, helping you to keep the right position during long working hours. 9 different inclinations. Comfortable ESD rubber pad relaxes the footplants, while the stability is ensured with the rubber feet on the ground. Metal construction to provide durability and the sufficient mass.

Size: 390x550x150mm

Weight: 7,25Kg

Resistance to ground: 10^6 Ohm

ESD WASTE BASKETS

FEATURES	BASKET 13	BASKET 40	BASKET 190
Base shape	circular	square	square
Height	275mm	385mm	1100mm
Base diam.	290mm	310mm (side)	550mm (side)
Opening diam	290mm	415mm (side)	700mm (side)
Capacity	13lt	40lt	190lt



BASKET 113



BASKET 40



BASKET 190