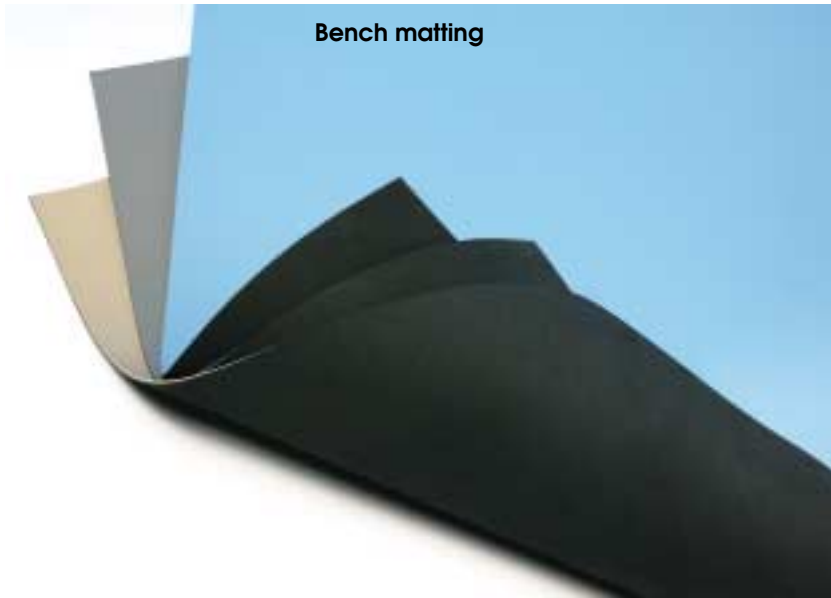


ESD BENCH RUBBER MATS

157 table ESD mat is manufactured with synthetic rubber. Most important features are: resistance to flame, resistance to temperatures over 400°C, resistance to widely used chemicals, no noxious outgassing (PVC free), non porous surface (easy cleansing), low light reflection and high noise absorption. RLX mats are designed to minimize operators stand-up fatigue. Clean room admissible.



Art. 157

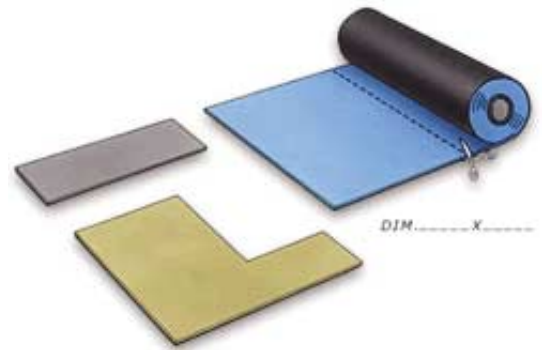
ESD rubber mat for benches, as beige, grey or light blue colour. Static dissipative on the coloured top and black conductive on the bottom for a safe and fast charges drainage. Available by the roll or cut-on-size.

Thickness	2mm
Roll size	1.22x10m (12.22m ²)
Roll weight	36 kg



157 available by the roll

Electrical features	Standard	Values (Ohm)
Surface resistance	IEC 61340-5-1	5x10 ⁶ - 5x10 ⁸
Resistance to ground	IEC 61340-5-1	5x10 ⁶ - 5x10 ⁸
Charge decay time	FTM 101C No. 4046 (5000V - 500V)	<0,009 sec.
	FTM 101C No. 4046 (5000V - 50V)	<0,034 sec.



157 is also available as cut to the desired dimensions in all the three colours.

HAND PUNCHING TOOL



Art. 605 HAND/M
Male button version.

ART. 605 HAND/F
Female button version.

SPARE SNAPS FOR MAT GROUNDING



Article	Description
604-F 4	Set of 100 female buttons 4mm
604-M 7	Set of 100 male buttons 7mm
604-F 7	Set of 100 female buttons 7mm
604-M 10 .	Set of 100 male buttons 10mm
604-F 10	Set of 100 female buttons 10mm

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**ESD
CHAIRS
VERA K**

meet EN 1335

meet
IEC 61340-5-1



Art. VERA K1 - Seat height 450 - 580 mm, weight 12 kg, non-flammable stainless steel-free fabric

Art. VERA K2 - Seat height 650 - 780 mm, weight 13.8 kg, non-flammable stainless steel-free fabric

General informations

Completely re-designed by ELME with a larger and more comfortable backrest, protected and larger (more stable) base, VERA K ESD chairs provide continuous and safe drainage of static charges to ground into EPA. VERA K chairs meet ESD std IEC 61340-5-1. Lined with the special metal-free, soft, strong & durable flame-resistant ESD fabric, these chairs feature ergonomic seating, adjustable backrest (permanent contact), gas elevation and rugged metal structure. Two heights available, choice of feet or wheels.

- **the structure:** the revised structure follows EN1335 European standards on ergonomic and safe seating. The shape of the backrest is long up on the back of the operator. The seat is also designed to let the body stay always in the correct position. Both seat and backrest are cushioned with extra soft lining.
- **the adjustment:** the backrest follows the back of the operator up and down and back and forth with only smooth movement. Gas elevation allows quick seat adjustment.



- **the resistance to flame:** the textile used is unflammable, therefore withstanding also burns of irons, cigarettes or others and improving the durability of the chair.
- **no metal in the fabric:** this is to increase safety, preventing from short circuits between the fabric and the operator should a live conductor touch the fabric.
- **the conductivity of the back plastic panel:** the rear of the backrest has a plastic cover which is totally ESD safe.
- **self braking wheels (standard):** as standard Elme VERA K chairs offer self braking wheels for additional safety. The wheels are stopped when the chair is unloaded, preventing from accident.

Features of VERA K chairs

Surf. resistance fabric	IEC 61340-5-1	0.5 < R < 0.8 Mohm
Resistance to ground	IEC 61340-5-1	0.5 < R < 1 Mohm
Fabric decay time	IEC 61340-5-1	< 0.5 sec
Fabric	Non flammable	CSERF1 1/75/A Classe 1 CSERF 3/77 Classe 1

**ESD SEAT COVERS
FOR STANDARD LAB CHAIRS**

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 (w/1MOhm resistor). SIT-COVER is a competitive alternative to ESD chairs.



**CONDUCTIVE
SPARE CASTORS
AND GLIDERS**



**Art. VERA ROT
Art. VERA FOOT**

Available spare conductive castors and gliders for ESD chairs. Resistance to ground 10⁸ Ohm.

VERA K1 K2
E.P.A.
ESD
IEC 61340-5-1
CSERF 1/75/A Classe 1
CSERF 3/77 Classe 1



BIG ADHESIVE SIGNES FOR FLOORINGS AND WALLS

Art. EAL 3232

These round flexible self-adhesive floor signs are designed to be placed on EPA floorings and walls where extra-ESD attention is required. Excellent adhesion and wearout resistance (ultra-strong PVC).

Minimized removal residues.

Yellow colour, with ESD symbol, wearout resistant to personnel and trolleys.

Diam. 32 cm



ADHESIVE TAPE TO LIMIT EPA BOUNDARIES

Art. REA EPA

Self-adhesive floor tape designed to visibly mark the borders of your EPA. Strong adhesion and easy removal with minimized residues in case of area transfer. Lettering protected from abrasion. International ESD symbol included.

FEATURES

Colour	Yellow
Width	50 mm
Length of the roll	33 mm



ESD WASTE PAPER BASKET

Art. BASKET

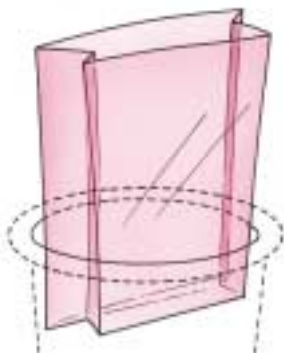
Conductive waste paper baskets available in two different sizes.

Features	Basket 13	Basket 36
Height	275mm	385mm
Base diam.	218mm	310mm
Opening diam.	290mm	415mm
Capacity	13lt	36lt



Art. SA-BASKET

Waste paper basket antistatic liner bags, available for both dimensions.



ESD LABELS AND WARNING SIGNS

ESD warning adhesive labels and wall signs available in different sizes meeting IEC 61340-5-1 requirements. Other labels on request.



Art. EAS 006006 - Adhesive label - 6x6 mm.



Art. EAS 0205 - Adhesive label 21x50 mm.



Art. EAS 0408 - Adhesive label 39x81 mm.



Art. EAS 1025 - Adhesive sign 102x254 mm.



Art. EAL 3060
Rigid sign
580x330 mm.

E.P.A.

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ESD PAINTS AND TREATMENTS

FOR FLOORINGS AND BENCHTOPS

ESD floor paints and ESD floor treatments (such as cleaners or floor finishes) are price competitive alternatives to floor mats and coverings. Floor paints are indicated into warehouses, or large plants, or also where rubber coverings are unsuitable, while floor treatments have a lower impact on the environment and require standard maintenance procedures.

ESD PAINTS

Art. 5600

Static dissipative one-part latex (urethane enhanced) grey floor coating paint for general use into the E.P.A. CE 5600 may be used also for cabinets, walls racks and other surfaces. Environmentally friendly (water based - no amines - no solvents), easy maintenance and low cost (approximate coverage 6m² per liter).

Art. 5800

Water based, static dissipative, two-parts floor coating, highest adhesion, best resistance to abrasion, flame retarding action, designed specifically for E.P.A. environments. CE 5800 generates a glossy, environmentally friendly (low VOCs), safe ESD flooring with low maintenance and costs (approximate coverage 6m² per liter).

Art. 5700 (Primer)

Prepares porous surfaces to the treatments.



ESD WAXES AND CLEANERS

Art. E-WAX

Specific treatment for static dissipative floorings. High gloss, low VOC emissions (acid, alkali and ammonia free) water based, designed for specific usage into ESD protected areas (E.P.A.). Lowest maintenance costs, coverage 25m² per liter (approx.)

Art. E-CLEAN

Specific cleaner for static dissipative floorings into electrostatic protected production areas (E.P.A.). The application does not alter the dissipative features, protecting at the same time the flooring from dirt coming from high passage of trolleys and personnel. Does not leave residues. Bottles 1lt.

ESD BENCH CLEANER

Art. EPACLEANER

Solvent detergent designed for the maintenance of workstations inside E.P.A. Minimizes accumulations of static charges and does not leave residues (does not contain). Ideally designed for rubber, plastics and metals. 1 lt bottles.



MAINTENANCE CLEANING WIPER

Art. MULTIWIPE

Microfibre general cleaning wiper designed for floorings, benchtops and shelves, metal parts, textiles and carpets etc. Usage: wet and wringed out, to clean - dry to remove dust. Material: polyester (70%) and polyamide (30%). Liquid absorption: 289.4% (distilled water). Dimensions: 320x320mm. Maintenance: was with soap, any temperature water (no bleaching).



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ESD SAFE VACUUM CLEANER

Art. ASPIRO

ESD safe vacuum cleaner for electro-static protected areas.

Aspiro is available with a full range of accessories for the different cleaning operations.

500W, $10^4 - 10^6$ Ohms surface resistance, 6 mtrs power Shucko plug cord, 2.1 kg.



Art. ASPIRO	Standard ABS housing
Art. ASPIRO E	As above with electronic power output adj.
Art. ASPIRO S	Conductive PP housing
Art. ASPIRO SE	As above with electronic power output adj.
Please ask for full accessories list.	

FIELD SERVICE KIT

Art. KAS 9000

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

Unfold the static dissipative mat and connect it to the ground or to the station. Then wear the wrist band. Only at this time you may touch your P.C. board. KAS 9000 has a wide pocket where it is possible to place P.C. board and tools.



Colour	blue/blue
Surface resistance	3×10^8 Ohm (IEC 61340-5-1)
Dimensions	600x600 (open mat 600 x 900 mm)

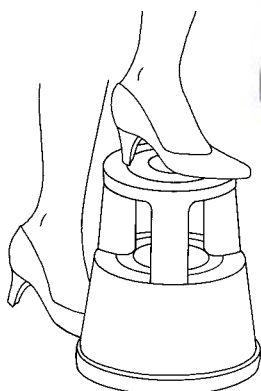
ESD STEP STOOL

Art. GABEL

GABEL is made of unbreakable conductive polypropylene (ca. 10^9). Despite his low weight, GABEL is unmovable when loaded with 5 kg. up, because of a thick rubber ring and suspended castors. Colour: yellow



Height unloaded: 435 mm



Step up to reach higher shelves

ESD CURTAINS

Art. 9290 BLUE

Vinyl covered fabrics for use as equipment covers, clean rooms and production area ESD Curtains. Available as coloured dissipative layer and black conductive layer.

Colour	blue/black
Resistance:	
colored layer	$10^6 - 10^{10}$ Ohms
black layer	$10^3 - 10^6$ Ohms
Roll length	91.44 m
Roll width	138 cm
Roll weight	54.5 kg



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