

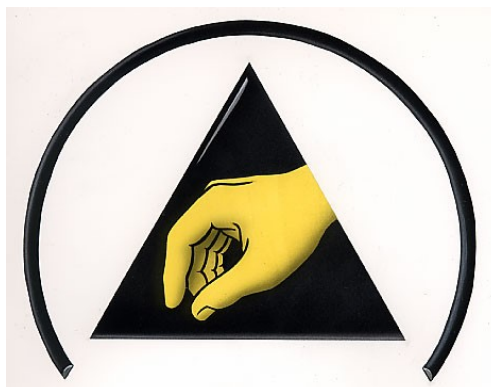
Authorised Distributor for UAE and Middle East

World-Tech (FZE)

**Office # Q1-06-046/B, Saif-Zone, Sharjah
P.O.BOX 121491 | United Arab Emirates
(UAE) sales@worldtech-fze.com
www.worldtech-fze.com**

ESD CATALOG

GROUNDING PERSONNEL & CLEANROOM SUPPLIES



Update 17-10-2022



ESD WRISTBANDS AND CORDS

ONE TOUCH

Unique anti-allergenic adjustable cloth wristband. The exclusive fastening buckle allows adjustment and release by pulling the loose band. No colourants, no sharp edges. Allergy free.

Art. ONE TOUCH 4mm
Art. ONE TOUCH 10mm



STRAPPO

Velcro cloth wristband. Easy adjustment, allergy free, plastic and metal free. Visible ESD symbol, 4 or 10mm male pushbutton.

Art. STRAPPO 4mm
Art. STRAPPO 10mm



BLACK TOUCH

Metal adjustable wristband, elasticated bands, allergy free

Art. BLACK TOUCH 4mm
Art. BLACK TOUCH 10mm



GROUNDING WIRES

Art WIRE BANANA 15-4

Short spiral ground cord 1,5m - 4mm female snap to banana

Art WIRE BANANA 15-10

Short spiral ground cord 1,5m - 10mm female snap to banana

Art WIRE BANANA 30-4

Long spiral ground cord 3,0m, - 4mm female snap to banana

Art WIRE BANANA 30-10

Long spiral ground cord 3,0m - 10mm female snap to banana

Art WIRE BOTTONE 15-4

Short spiral ground cord 1,5m - 4mm female snap to female 10mm snap

Art WIRE BOTTONE 15-10

Short spiral ground cord 1,5m - 10mm female snap to female 10mm snap

Art WIRE BOTTONE 30-4

Long spiral ground cord 3,0m - 4mm female snap to female 10mm snap

Art WIRE BOTTONE 30-10

Long spiral ground cord 3,0m - 10mm female snap to female 10mm snap





ESD COATS

ESD POLY-COTTON COAT "PEK" TYPE

ESD coats, PEK ESD polyester-cotton fabric with conductive fibres. Available man and woman cuts, on request. Meet ESD std IEC 61340-5-1. Company logo on request. Standard ESD logo on all supplies. PEK coats are available in different fabric weights.

Composition: 74%polyester 24%cotton 2%conductive fiber

Art. PEK LMW-(XS to 5XXL) Long-Man-White
Art. PEK LWW-(XS to 5XXL) Long-Woman-White

Art. PEK SMW-(XS to 5XXL) Short-Man-White
Art. PEK SWW-(XS to 5XXL) Short-Woman-White

PEK COATS VARIOUS COLORS AVAILABLE

Yellow (Y)	Burgundy (B)	Red (R)	Light Green (LE)
Black (BK)	Dark Gray (DG)	Light Pink (LPK)	Royal Blue (RB)
Orange (O)	Light Gray (LG)	Dark Green (DZ)	Light Blue (LB)



MODEL LONG COAT



MODEL SHORT COAT



ESD BADGE HOLDER

Art. BADGE HOLDER

ESD rigid transparent badge holder with clip

Dimensions: 91x61cm
Max dim badge: 89x55mm
Surface resistance: 10⁹ Ohm





ESD SHIRTS & POLOS

Available in different colours, with soft and comfortable ESD knitted fabric in different colours, with short or long sleeves, and ESD symbol. The special fabric formulations ensure the best wearability.



ESD POLO SHIRTS



ESD T-SHIRTS

Art. POLO SS polo ESD short sleeves
Art. POLO LS polo ESD long sleeves
Composition: 96% Cotton 4% Conductive fiber
Fabric Weight: 150 g/m²
Colours: White/Grey/Royal Blue/Navy Blue/Black

Art. TS-SS T-shirts ESD short sleeves
Art. TS-LS T-shirts ESD long sleeves
Composition: 96% Cotton 4% Conductive fibre
Fabric Weight: 150 g/m²
Colours: White/Grey/Royal Blue/Navy Blue/Black

Art. POLO 21 SS polo ESD long sleeves
Art. POLO 21 LS polo ESD long sleeves
Composition: 47% polyester 50% Cotton
4% Conductive fibre
Fabric Weight: 210 g/m²
Colours: Grey/Royal Blue/Navy Blue/Black

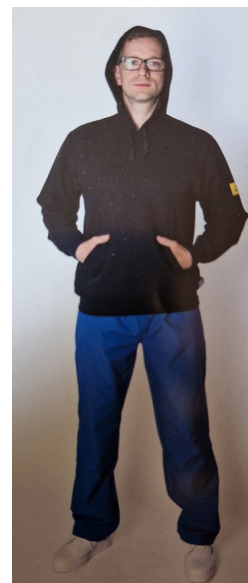
Art. TS-SS 21 T-shirts ESD short sleeves
Art. TS-LS 21 T-shirts ESD long sleeves
Composition: 47% polyester 50% Cotton
4% Conductive fibre
Fabric Weight: 210 g/m²
Colours: Grey/Royal Blue/Navy Blue/Black

ESD WARM CARDIGAN AND SWEATSHIRTS

2 colours available, with long sleeves, and ESD symbol. Suitable for winter climates, special fabric formulations ensure the best wearability. Choice of black or navy blue colours.

ESD WARM HOODIED SWEAT-SHIRT

Warmer sweatshirts able to join ESD protection and protection against colder climates, made with soft and warm fabric, ideal for winter season



Art. FELPA

ESD hoodied sweatshirt
Composition: 48% Polyester 48% Cotton 4% Conductive fiber
Fabric Weight: 280 g/m²
Colours: Navy Blue/Black

ESD CARDIGAN

Warmer shirts able to join ESD protection and protection against colder climates, made with soft and warm fabric, ideal for winter season

Art. CAR S (short zip)
Art. CAR L (long zip)
Short or full length zipper
2 side pockets & ESD symbol on chest
ESD Cuff
Composition: 48% Polyester 48% Cotton 4% Conductive fiber
Fabric Weight: 280 g/m²
Colours: Navy Blue/Black





ESD TROUSERS
Art 906

Straight style
Available sizes: female XS - 5XL
2 side pockets, 1 hip pocket with ESD symbol
Rubberized waist with snap-fastener



Art.925 winter jacket



ESD WINTER JACKETS

Designed for colder climates, available with and without sleeves. Outside and middle layer in static dissipative polyester fabric. The inside is in warm cotton fleece. Unisex design with ESD logo and conductive cuffs. Colour: Navy Blue

Art. 925 Jacket with sleeves

Inner wool lining
Hidden zip closure + velcro fixing
Water repellant
Composition: 98% polyester 2%conductive fibre



Art. BB-CAP



ESD BASEBALL CAP
Art. BB-CAP

sun visor
unisex, one size, with ESD Symbol
rubberized back

ESD WINTER CAP
Art W-CAP

unisex, one size, with ESD Symbol
Comfortable, warm and breathable

Art. W-CAP



ESD-DUTY JACKET
Art 928

Manufactured with conductive mix material, closure by Velcro, reflective signs highly visible, ESD symbol. Typical resistance: $<10^7$ Ohm



Art. E-MASK
ESD SAFE FACE MASK



ESD ANTI-BACTERIAL FACE-MASK
Art E-MASK

ESD face mask for personnel protection in ESD Protected Areas (EPA)

- ESD static shielding fabric
- ESD yellow visible symbol on the side
- **BEKINOX anti-bacterial shield**
- Withstands over 20 repeated washings at 60°C
- Fabric composition: 75%cotton - 22% polyester - 3% Bekinox



ESD MICROFIBRE WASHABLE SHOES—ALL MACHINE WASHABLE

RADO (35-47)

ESD microfibre clog with back detachable heel belt, heel protection, polyurethane sole, FTB inner sole, perforated upper shoe.

Art. RADO BLACK (meets EN 20347-2012—SRC)

Art. RADO WHITE (meets EN 20347-2012—SRC)



RADO-X SC (35-48)

ESD microfibre clog with back detachable heel belt, heel protection, polyurethane sole, FTB inner sole, perforated upper shoe, safety version (SC— composite metal-free toe cap)

Art. RADO-X WHITE SC (meets EN 20345-2012—SRC)

Art. RADO-X BLACK SC (meets EN 20345-2012—SRC)



MOKA-X SC (35-48)

ESD microfibre slipper, polyurethane sole, FTB inner sole, safety version (SC— composite metal-free toe cap)

Art. MOKA-X WHITE SC (meets EN 20345-2011-S1-SRC)

Art. MOKA-X BLACK SC (meets EN 20345-2011-S1-SRC)



STRINGA SS (35-47)

ESD microfibre laced shoe, polyurethane sole, FTB inner sole, perforated upper shoe, standard or safety version (SS-steel toe cap)

Art. STRINGA BLACK SS (meets EN 20345-2011-S1-SRC)



CITYGREY SC (35-48)

ESD microfibre sueded laced shoe, polyurethane sole, FTB inner sole, perforated upper shoe, standard or safety version (SC-composite metal-free toe cap)

Art. CITYGREY SC (meets EN 20345-2011-S1-SRC)



CLEANROOM CLOGS

E-CLOG



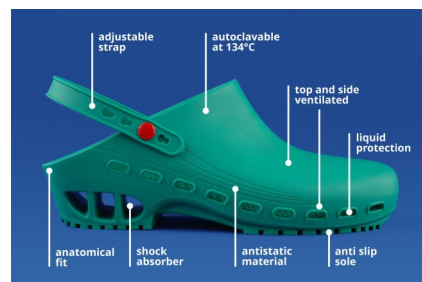
Art. E-CLOG

E-CLOGS autoclavable clogs are designed for cleanroom applications, particularly where periodic washing of shoes is requested. In fact the CLEANCLOGS are manufactured in a special thermoplastic material that withstands tumble washing at 135°C.

SIZES. 34/35 to 46/47

COLOURS: WHITE/BLACK/GREEN/BLUE

TUMBLE WASHING: 135°C





ESD IN-SOLES

ESD REPLACEMENT IN-SOLES

Art. FTB

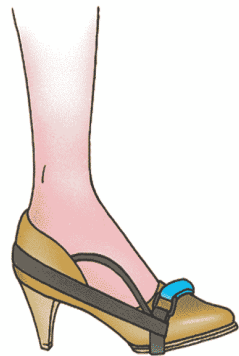
ESD inner soles designed for additional comfort and hygiene into ESD footwears, available all sizes.



ESD FOOTGROUNDERS

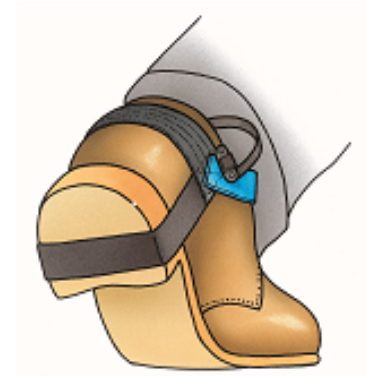
Art. STV-UR-CLIP—2 MOhm resistor

Heel grounders with extra-resistant rubber, clip closure and safety 2MOhm resistor



Art. STV-DR-CLIP—2 MOhm resistor

Woman toegrounders with extra-resistant rubber clip closure and safety 2MOhm resistor



Art. STV-VELCRO

Heelgrounders with elastic ankle band and velcro closure and safety 1MOhm resistor

Art. STV-SOLE

Full-sole grounders with extra resistant rubber, clip closure and safety 1MOhm resistor



Art. STV-ONE SHOT

Disposable one-shot footgrounders with adhesive conductive tape.





ESD COVERSHOES

Art. ESD COVERSHOES

Disposable polypropilene elasticated blue covershoes with conductive grounding strip and anti-slip sole



Art. HOOK ESD COVERSHOES

Polypropilene elasticated ESD covershoes with conductive strip and hooks for dispenser box

Art. HOOK COVERSHOES BOX

Floor dispenser box for HOOK ESD COVER-SHOES



Art. CPE COVERSHOES

Polyethylene disposable covershoes

Art SH-CLEAN

Entrance into cleanroom environments needs a perfect shoes cleaning to eliminate contaminants.

SH-CLEAN is a fully automatic shoe cleaner with Hepa filter - providing advanced filtration, quieter operation, built in vacuum, and disposable dust bags.

The internal vacuum system, with multiple brushes ensures a fast and effective cleaning. The direct-drive motor eliminates belts or chains that require adjustment and replacement. It is available with its own internal vacuum system and disposable paper bags for collection and removal of contaminants.

- Internal vacuum system removes contaminating particles
- Five internal brushes clean deep into seams, welts
- Waist-high handle allows convenient on/off operation
- Controls allow adjustable rotational speeds

CLEANROOM SHOES CLEANER



HEPA Filter Attachment



Dimensions	457 mm x 686 mm x 267 mm
Weight	21,3kg
Vacuum Exhaust:	90 CFM (152.9 m ³ /hr), 1.5" I.D. x 1.75" O.D. (38 mm x 44 mm)
Speed Control:	0-1000 RPM
Brush Drive:	406mm
Brushes:	8" (203 mm) dia (for better cleaning action)

Upper soft fiber brushes clean sides of shoe; lower stiff brushes clean shoe





ESD GLOVES

COTTON GLOVES

Art. GNB M
Art. GNB L

ESD low static cotton gloves, white colour, medium and large sizes



CONDUCTIVE PALM FIT GLOVES

Art. GNK DOT

ESD conductive gloves with PU palm protection, sizes S to XL

CONDUCTIVE TRICOT GLOVES

Art. GNC PALM

ESD conductive gloves with PU palm protection, seamless finger tips, sizes S to XL



EXTREME HIGH TEMPERATURE GLOVES

Art. 50G

Withstand dry high temperatures (range -210 to +760°C),
ESD protection 10**9Ohm - No asbestos or fiberglass
Packed in class 100 (ISO5), single bags each pair.
Sizes M-XL



Art. 59G

Withstand dry high temperatures (range (-134C to 537°C),
ESD protection 10**9Ohm - No asbestos or fiberglass
Packed in class 100 (ISO5), single bags each pair.
Sizes L-XL



HIGH TEMPERATURE GLOVES FOR WET CONTACT

Art. 70G

Packaged for ISO 5 (Class 100).

Wet or dry contact temperatures from -61.4°C to 232°C

PolyTuff silicone elastomer is sulfur-free. Excellent resistance to chemicals, solder and fluxes.

Size: Hand Specific -M, L, XL

Pack: 1 Pair/Poly Bag.



MID TEMPERATURE GLOVES

Art 734G

ESD PVC gloves with interlock cotton lining for comfort and sweat absorption. Lightweight and heat resistant for maximum 150-200°C designed for hot boards handling. One size fits all.



ESD CLEANROOM CLOTHING

DISPOSABLE APPARELS

Disposable clothing ensures always clean garments to the clean-room operators. Each part is supplied in a controlled clean packaging. The materials used are typically Tyveck, Polyethylene and Polypropilene.

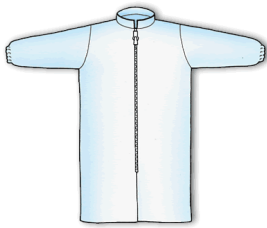
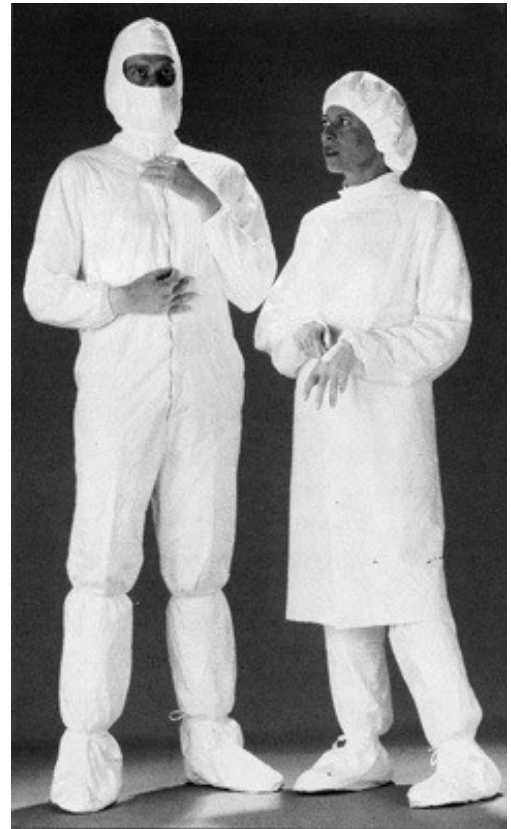
Art. 7410 unisex low-static polypropilene sms 3-Layers coats, round collar, pack of 25 units

Art. 7420 unisex low static polypropilene sms 3-Layers coats, shirt collar, pack of 25 units

Art. 9410 unisex ESD Tyveck coats, round collar, pack of 25 units

Art. 9420 unisex ESD Tyveck coats, shirt collar, pack of 25 units

Art. 8420 unisex PLP coat, shirt collar, snaps, packs of 50 units



Round collar



Shirt collar

Art. 9712 TNT elastic bouffant cap



Art. 9862 clean face mask with elastics



NITRILE GLOVES

Art. BQF09

3 times more resistant than latex or vinyl, naturally anti-static, surface resistance 10*9 Ohm.

Geogrip 360sm fully textured fingers and palms.

Meet ASTM D6319.

Size: XS- XXL, Ambi.



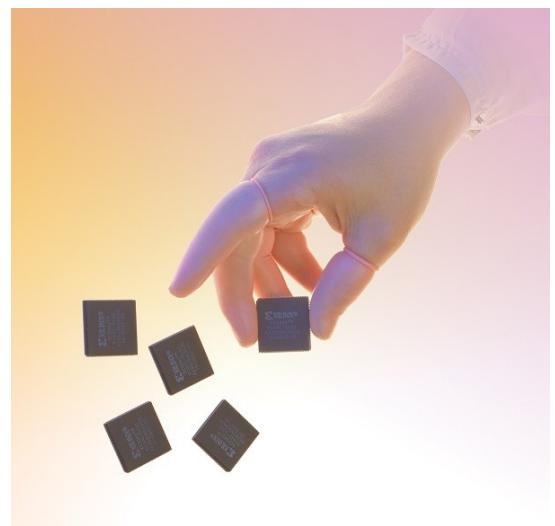
ANTISTATIC FINGER COTS

Art. 650G S

Art. 650G M

Art. 650G L

Packaged 1440 units per bag, durable antistatic features, cream colour, average surface resistance of 5 X 10¹² ohms per square unit.





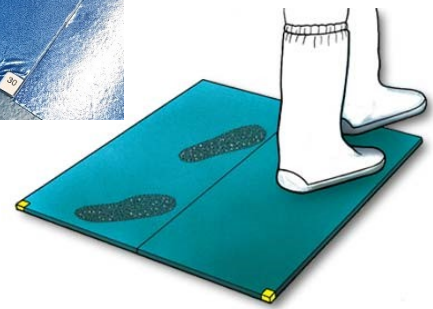
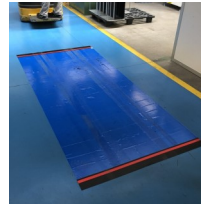
CLEANROOM AREA

PEELABLE ENTRANCE MATS

STA peelable mats have been designed to minimize the particulate carried in under the soles or on the cart wheels entering the cleanroom. Placed at the entrance of the room, the adhesive traps all particles from soles or from the wheels leaving no residue. Each mat block is composed of 30 adhesive removable sheets. Used (numbered) mats are progressively peeled off to leave new clean ones.

Each package includes 8 units for a total of 240 sheets

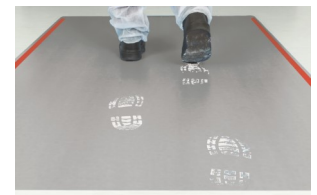
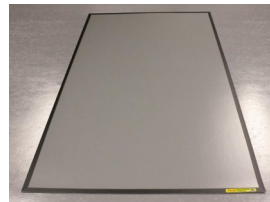
- Art. STA 09045 size 900 x 450 mm
- Art. STA 11545 size 1150 x 450 mm
- Art. STA 11565 size 1150 x 650 mm
- Art. STA 11590 size 1150 x 900 mm
- Art. STA 115240 size 1150 x 2400mm



WASHABLE ENTRANCE MATS

Self adhesive washable entrance mats for cleanrooms designed to minimize the particulate carried in under the soles or on the cart wheels. Placed at the entrance of the room, the adhesive traps all particles leaving no residue. The mat is designed for daily cleansing in order to ensure continued usage performance.

- Art. STA LTE 60120 size 600x1200mm
- Art. STA LTE 120120 size 1200x1200mm
- Art. STA LTE 120180 size 1200x1800mm
- Art. STA LTE 120300 size 1200x3000mm



CLEANROOM WIPERS

Highly absorbent cleanroom knitted 100% polyester wipers manufactured with continuous filament yarn designed for general maintenance usage in packages for classes 10 to 10k cleanrooms. Ideal for pharmaceuticals, semiconductor and optical applications

- Durable soft and non-abrasive
- Four edges are thermally sealed
- Laundered and packaged in class 1 cleanroom
- Extremely low ion content, particle generation and extractable residue
- 230 x 230mm, 150 sheets per bag - 10bags per box
- High absorption of water, soft (won't hurt the surface), less particles and ions. No Si ion release.



- Art. ECLW 10-100 cleanroom wipers class 10-100
- Art. ECLW 100-1000 cleanroom wipers class 100-1000
- Art. ECLW 1000-10000 cleanroom wipers class 1000-10000

ESD ALVEOLATE FILM

Art. 9260

ESD safe alveolate PVC film for usage as curtain or table cover in ESD protected areas.

Surface resistivity/front side:10³-8Ω
 Surface resistivity/back side:10-10Ω
 Roll size:1.37mx30m - thickness 0.3mm
 Complies with EN 61340-5-1

