

Cleanroom

ESD-
Garments



alsico[^]
hightech



- / complete range for micro electronics
- / according to IEST-RP-CC003.4 Recommended Practice
- / applicable to ISO 4 classification according to the Cleanroom Standard ISO 14644-1
- / according to ESD-Standard IEC 61340-4-9
- / conductive finish
- / high protection from particles and electrostatic charges
- / high comfort
- / custom made garments available upon request, lead time 8 weeks



High Clean Stat II

High Clean Stat II fabric is mainly suitable for ISO 4-8, in highly sensitive microelectronic environments, in which an approved, durable, high quality fabric is required.

Characteristics: good air permeability, high comfort, excellent tear- and tensile strength, approved durability

Electrostatic behavior: charge decay time $\leq 0,01$ sec

Surface resistivity: 10^5 to $10^6 \Omega$

Filtration: $> 80\%$ by $0.5 \mu m$

Fabric composition: 96% Polyester, 4% Carbon

Weight: $115g/m^2 \pm 5\%$

Weave: 2/1 twill

Pattern: small grid

Colours:

- white
- light blue
- lemon green
- dark grey
- navy



Coverall with integrated hood

ref. K1042042 with ESD cuffs at the sleeves
ref. K1042041 with elastic at the sleeves

Hood closing with hidden studs / studs for face mask / side openings for cleanroom glasses / strap with buckle for size adjustment at the back of the hood / hidden zipper / raglan sleeves / 4 studs at both sides of the legs to attach boots / studs at the bottom of the legs for adjustment / adjustable elastic in the waist / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL

Coverall

Ref. K1198067 with ESD cuffs at the sleeves
Ref. K1198068 with elastic at the sleeves

Upstanding collar with 2 hidden studs / hidden zipper / raglan sleeves / 4 studs at both sides of the legs to attach boots / studs at the bottom of the legs for adjustment / adjustable elastic in the waist / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL





Hood

Ref. A9204015

Closure with hidden studs / 2 studs for face mask / strap with buckle for size adjustment at the back of the hood / marker fabric / ESD Logo / Unisex / XS-XXL

Face mask

Ref. A9286017

With metal studs / upper part in Chemstat fabric / ESD Logo / Unisex / one size



Coat

Ref. K6660070 with stud closure and ESD cuffs at the sleeves
 Ref. K6660069 with stud closure and elastic at the sleeves
 Ref. K6660072 with zipper and ESD cuffs at the sleeves
 Ref. K6660073 with zipper and elastic at the sleeves

Upstanding collar with 2 hidden studs / closure with hidden studs or zipper / raglan sleeves / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL



best conductivity due to increased carbon

Boot with UG ESD Sole

Ref. K9113020

2 coloured straps with 2-piece buckle on the foot / Ultra Grip ESD sole / reinforcement tape around the sole / closure with strap and studs on the upper side of the boot / studs to attach the boot to the coverall / marker fabric / ESD logo / Unisex / XS-3XL

strap colours per size:

XS	M	XL
S	ML	XXL
SM	L	3XL

Boot with UG Sole

Ref. K9113021

2 coloured straps with 2-piece buckle on the foot / Ultra Grip sole / reinforcement tape around the sole / closure with strap and studs on the upper side of the boot / studs to attach the boot to the coverall / marker fabric / ESD logo / Unisex / XS-3XL

strap colours per size:

XS	M	XL
S	ML	XXL
SM	L	3XL



Alsitronic

Alsitronic fabric is mainly suitable for ISO 4-8, in sensitive microelectronic environments and offers durable and reliable protection of your product.

Characteristics: good air permeability, high comfort, approved durability, can be sterilized

Electrostatic behavior: charge decay time $\leq 0,01$ sec

Surface resistivity: 10^9 to $10^7 \Omega$

Filtration: $> 80\%$ by $0.5 \mu\text{m}$

Fabric composition: 98% Polyester, 2% Carbon

Weight: $105\text{g}/\text{m}^2$ $\pm 5\%$

Weave: plain 1/1

Pattern: standard grid

Colours:

- | | |
|--|--|
|  white |  light blue |
|  yellow |  green |



Coverall with integrated hood

Ref. K1042042 with ESD cuffs at the sleeves
Ref. K1042041 with elastic at the sleeves

Hood closing with hidden studs / studs for face mask / side openings for cleanroom glasses / strap with buckle for size adjustment at the back of the hood / hidden zipper / raglan sleeves / 4 studs at both sides of the legs to attach boots / studs at the bottom of the legs for adjustment / adjustable elastic in the waist / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL

Coverall

Ref. K1198067 with ESD cuffs at the sleeves
Ref. K1198068 with elastic at the sleeves

Upstanding collar with 2 hidden studs / hidden zipper/ raglan sleeves / 4 studs at both sides of the legs to attach boots / studs at the bottom of the legs for adjustment / adjustable elastic in the waist / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL





Hood

Ref. A9204015

Closure with hidden studs / 2 studs for face mask / strap with buckle for size adjustment at the back of the hood / marker fabric / ESD Logo / Unisex / XS-XXL



Face mask

Ref. A9286017

With metal studs / upper part in Chemstat fabric / ESD Logo / Unisex / one size



Coat

Ref. K6660070 with stud closure and ESD cuffs at the sleeves
 Ref. K6660069 with stud closure and elastic at the sleeves
 Ref. K6660072 with zipper and ESD cuffs at the sleeves
 Ref. K6660073 with zipper and elastic at the sleeves

Upstanding collar with 2 hidden studs / closure with hidden studs or zipper / raglan sleeves / marker fabric / without pockets / ESD Logo / Unisex / XS-XXL

best conductivity due to increased carbon



Boot with UG ESD Sole

Ref. K9113020

2 coloured straps with 2-piece buckle on the foot / Ultra Grip ESD sole / reinforcement tape around the sole / closure with strap and studs on the upper side of the boot / studs to attach the boot to the coverall / marker fabric / ESD logo/ Unisex / XS-3XL

strap colours per size:

XS	M	XL
S	ML	XXL
SM	L	3XL

Boot with UG Sole

Ref. K9113021

2 coloured straps with 2-piece buckle on the foot / Ultra Grip sole / reinforcement tape around the sole / closure with strap and studs on the upper side of the boot / studs to attach the boot to the coverall / marker fabric / ESD logo/ Unisex / XS-3XL

strap colours per size::

XS	M	XL
S	ML	XXL
SM	L	3XL



Clean Stat C ESD 125

Clean Stat C ESD fabric, composed of texturised micropolyester yarn, is mainly suitable for ISO 7-9 areas.

Characteristics: good air permeability, high comfort
Electrostatic behavior:
charge decay time $\leq 0,01$ sec
Surface resistivity: 10^5 to $10^6 \Omega$
Filtration: $> 45\%$ by $0,5 \mu\text{m}$

Composition: 98% Polyester, 2% Carbon
Weight: $125\text{g}/\text{m}^2$ +/-5%
Weave: 2/1 twill
Pattern: normal grid

Colors:



Coverall

Ref. K1198035

Upstanding collar with 2 studs / hidden zip closure / raglan sleeves finished with cuffs / 4 studs at both sides of the legs to attach boots / studs at the bottom of the legs for adjustment / adjustable elastic in the waist / back vent / marker fabric / without pockets / Unisex / XS-XXL



Coat

Ref. K6660075 with stud closure
Ref. K6660077 with zipper

Upstanding collar with 2 studs / front fastening with concealed studs or zipper / raglan sleeves with ESD cuffs / marker fabric / chest pocket / 2 lower pockets / pen pocket at the upper arm / ESD Logo / Unisex / XS-XXL

Overshoe

Ref. A9291015

Elastic at the ankle / antistatic sole with reinforcement tape / conductive tape at the inside / marker fabric / ESD Logo / Unisex / XS-XXL



Extras

ADDITIONAL ITEMS

- / Name tags
- / ESD cleanroom socks (custom logo possible)
- / ...





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