

ESD ELECTROSTATIC DISCHARGE

NO MATTER WHAT ELECTRIFIES YOU: YOUR OUTFIT
REMAINS UNAFFECTED

Not everyone has the ability to let environmental voltages roll off them. Our high-quality ESD clothing does: it offers reliable conductivity and prevents sensitive product parts in electronics production from being damaged by electrostatic discharge. Very reassuring: each of our products has to pass extensive tests to become part of our unrivalled ESD range.



CONDUCTEX® is one of the lightest and most comfortable materials for protection of products against electrostatic discharge. Furthermore, the blended fabric offers a good functionality and high wearing comfort. The closure seams are additionally edged. Fabric with the quality label "breathability" of the Hohenstein certifiaproxion institute.



LADIES COAT, SHORT SLEEVE

ESD
Part number: **08005 48027 000 10**
Garment weight: approx. 335 g

Single-coloured • female cut • lapel collar • front with one-sided covered snap fasteners • 2 side pockets with slanted openings • embroidered EPA logo on right upper arm.

Regular sizes: XS–L
☐ white
Standards:



LADIES COAT, LONG SLEEVE

ESD
Part number: **08005 48028 000 10**
Garment weight: approx. 360 g

Single-coloured • female cut • lapel collar • front with one-sided covered snap fasteners • 2 side pockets with slanted openings • sleeve hem adjustable via snap fasteners • embroidered EPA logo on right upper arm.

Regular sizes: XS–L
☐ white
Standards:



COAT, WITH KNITTED CUFFS

ESD
Part number: **08005 48011 040 10**
Garment weight: approx. 350 g

Single-coloured • cut without side seams • lapel collar • fastener strip with covered snap fasteners • 1 breast pocket attached on left • 2 side pockets with slanted openings • sleeves with stretchable knitted cuffs • embroidered EPA logo on right upper arm.

Regular sizes: S–2XL
☐ white
Standards:



LADIES COAT, SHORT SLEEVE

ESD
Part number: **08005 48019 005 10**
Garment weight: approx. 275 g
Regular sizes: XS–L

COAT, SHORT SLEEVE

ESD
Part number: **08005 48011 011 10**
Garment weight: approx. 285 g
Regular sizes: S–2XL

Single-coloured • cut without side seams • lapel collar • front with one-sided covered snap fasteners • 1 attached front pocket on the left • 2 attached side pockets with slanted openings • 2 front tucks on ladies' coat • hemmed short-sleeve • embroidered EPA logo on right upper arm.

☐ white
Standards:



LADIES COAT, LONG SLEEVE

ESD
Part number: **08005 48019 000 + COLOUR NO.**
Garment weight: approx. 320 g
Regular sizes: XS–L

COAT, LONG SLEEVE

ESD
Part number: **08005 48011 000 + COLOUR NO.**
Garment weight: approx. 330 g
Regular sizes: S–2XL

Single-coloured • cut without side seams • lapel collar • front with one-sided covered snap fasteners • 1 attached front pocket on the left • 2 attached side pockets with slanted openings • 2 front tucks on ladies' coat • sleeve hem adjustable via snap fasteners • embroidered EPA logo on right upper arm.

<input type="checkbox"/> 10	white	<input type="checkbox"/> 50	silver grey
<input type="checkbox"/> 41	royal	<input type="checkbox"/> 471	pastel blue
<input type="checkbox"/> 45	navy	<input type="checkbox"/> 58	anthracite
<input type="checkbox"/> 46	black		

Standards:



MATERIAL: 75 % POLYESTER, 23 % COTTON, 2 % CARBON
FABRIC WEIGHT: approx. 130 g/m²
SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)
FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX

CONDUCTEX® is one of the lightest and most comfortable materials for protection of products against electrostatic discharge. Furthermore, the blended fabric offers a good functionality and high wearing comfort. The closure seams are additionally edged. Fabric with the quality label "breathability" of the Hohenstein certifiaproxion institute.



BLOUSON

ESD

Part number: **08005 18006 000 + COLOUR NO.**

Garment weight: approx. 380 g

Single-coloured • stand-up collar with slanted corner and covered snap fastener • front with covered snap fastening • 1 straight cut pocket on the left front • 2 side pockets with zipper • ergonomic sleeves • sleeve hem adjustable via snap fastener • leasing label on the inside in the back • embroidered EPA logo.

Regular sizes: 46–58, 94–110

41 royal

45 navy

Standards:



EN 61340-5-1



Adjustable
waistband



TROUSERS

ESD

Part number: **08005 28007 000 + COLOUR NO.**

Garment weight: approx. 290 g

Single-coloured • attached waistband with covered button fastening • slit detail with plastic fastening • adjustable elastic band in the back with button • 2 wing pockets • 2 back pockets without flap and fastening • 1 thigh pocket on the right with flap and covered snap fastening • embroidered EPA emblem.

Regular sizes: 46–58, 94–110

41 royal

45 navy

Standards:



EN 61340-5-1



MATERIAL: 75 % POLYESTER, 23 % COTTON, 2 % CARBON

FABRIC WEIGHT: approx. 130 g/m²

SURFACE RESISTIVITY: 10⁶ bis 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: Warehouse works within the electronic manufacture

CONDUCTEX

▶ CONDUCTEX® Cotton Knit

High Functionality – High Comfort: T-Shirts and Polo shirts made of CONDUCTEX® Cotton Knit offer high wearing comfort as they are knitted, not woven. This design allows for very high mobility. Furthermore, the materials are characterised by very good functionality thanks to its carbon file. Available in numerous colours and womens' shirts with female cut.



T-SHIRT, SHORT SLEEVE

ESD
Part number:
08010 86002 000 + COLOUR NO.
Garment weight: approx. 180 g

Single-coloured • comfortable neck width • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: S–2XL
41 royal
45 navy
46 black
50 silver grey



EN 61340-5-1

POLO SHIRT, SHORT-SLEEVE

ESD
Part number:
08011 86004 002 + COLOUR NO.
Garment weight: approx. 210 g

Single-coloured • conductive polo collar • polo placket with buttoning • front pocket on the left with button • double-stitched sleeve opening • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: S–2XL
10 white
50 silver grey
45 navy
46 black

More colours available on request.
Standards:



EN 61340-5-1

POLO SHIRT, SHORT-SLEEVE

ESD
Part number:
08011 86004 000 + COLOUR NO.
Garment weight: approx. 220 g

Two-coloured • conductive polo collar • polo placket with buttoning • front pocket on the left with button • double-stitched sleeve opening • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: S–2XL

2031 royal/silver grey
2042 navy/silver grey
2186 black/silver grey
2061 silver grey/red
2064 silver grey/navy

More colours available on request.
Standards:



EN 61340-5-1



1, 2 and 3 |
EPA logo on
right upper arm



MATERIAL: 95 % COTTON, 5 % CARBON
FABRIC WEIGHT: approx. 160 g/m²
SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)
FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX

▶ CONDUCTEX® Cotton Knit

High Functionality – High Comfort: Polo shirts made of CONDUCTEX® Cotton Knit offer high wearing comfort as they are knitted, not woven. This design allows for very high mobility. Furthermore, the materials are characterised by very good functionality thanks to its carbon file. Available in numerous colours and womens' shirts with female cut.



ESD
ELECTRO-
STATIC
DISCHARGE



1, 2 and 3 |
EPA logo on right upper arm

Women's shirts
with fitted waist

LADIES POLO SHIRT, SHORT-SLEEVE

ESD

Part number: **08011 86013 001 + COLOUR NO.**

Garment weight: approx. 175 g

Single-coloured • female cut • conductive polo collar • polo placket with buttoning • front pocket on the left with button • double-stitched sleeve opening • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: XS–L

10 white
50 silver grey
45 navy

More colours available on request.

Standards:



EN 61340-5-1

LADIES POLO SHIRT, SHORT-SLEEVE

ESD

Part number: **08011 86013 000 + COLOUR NO.**

Garment weight: approx. 180 g

Two-coloured • female cut • conductive polo collar • polo placket with buttoning • front pocket on the left with button • double-stitched sleeve opening • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: XS–L

2031 royal/silver grey
2186 black/silver grey

More colours available on request.

Standards:



EN 61340-5-1



3 |

POLO SHIRT, LONG-SLEEVE

ESD

Part number: **08011 86008 000 + COLOUR NO.**

Garment weight: approx. 255 g

Two-coloured • conductive polo collar in contrast colour • polo placket with buttoning • front pocket on the left with button • sleeve opening in contrast colour • stylish shirt length, suitable for wearing on top • embroidered EPA logo on right upper arm.

Regular sizes: S–2XL

2031 royal/silver grey
2042 navy/silver grey
2064 silver grey/navy

Standards:



EN 61340-5-1

2 and 3 |
Collar and sleeve opening
manufactured in contrast colour



MATERIAL: 95 % COTTON, 5 % CARBON

FABRIC WEIGHT: approx. 160 g/m²

SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX

▶ CONDUCTEX® Cotton Knit

Sweatshirt and sweat jacket offer excellent wearing comfort, high-end manufacture and very good ESD functionality. The material is soft and smooth. As it is knitted, not woven, it fits very well and leaves you much freedom of movement.

SWEATSHIRT

ESD
Part number: **08014 86019 000 50**
Garment weight: approx. 440 g

Single-coloured • comfortable round neck with conductive collar • comfortable sleeve hems • embroidered EPA logo on right upper arm.

Regular sizes: Unisex S-2XL
■ silver grey



EN 61340-5-1



SWEAT JACKET

ESD
Part number: **08014 86012 001 + COLOUR NO.**
Garment weight: approx. 520 g

■ 50 silver grey
■ 46 black

Part number: **08014 86012 000 2064**
Garment weight: approx. 520 g
■ silver grey/navy
More colours available on request.
Collar, sleeve hems and waistband in contrast colour.

Single-coloured or two-coloured • very smooth and comfortable conductive sweat collar • front with zip fastener • 2 laterally attached pockets • stylish length • comfortable sleeve hems • embroidered EPA logo on right upper arm.

Regular sizes: Unisex S-2XL
Standards:



EN 61340-5-1



MATERIAL: 95 % COTTON, 5 % CARRBON
FABRIC WEIGHT: approx. 300 g/m²
SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)
FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX

▶ CONDUCTEX® Pro Knit

This cotton blend fabric is exceptionally soft with a maximum of wearing comfort. The knit (not woven) material provides optimum fit. It offers a high level of functionality and excellent conductivity levels. Thanks to the polyester amount it is very colorfast.

ESD
ELECTRO-
STATIC
DISCHARGE



POLO SHIRT, SHORT-SLEEVE

ESD
Part number: **08012 86004 002 + COLOUR NO.**
Garment weight: approx. 235 g

Single-coloured • conductive polo collar • polo placket with buttoning • front pocket on the left with buttoning • stylish shirt length, suitable for wearing on top • EPA logo on right upper arm.

Regular sizes: S-2XL

■ 45 navy
■ 50 silver grey

More colours available on request.
Standards:



EN 61340-5-1



POLO SHIRT, SHORT-SLEEVE

ESD
Part number: **08012 86004 000 + COLOUR NO.**
Garment weight: approx. 235 g

Two-coloured • conductive polo collar in contrast colour • polo placket with buttoning • front pocket on the left with button • double-stitched sleeve opening in contrast colour • stylish shirt length, suitable for wearing on top • EPA logo on right upper arm.

Regular sizes: S-2XL

■ 2031 royal/silver grey
■ 2064 silver grey/navy

More colours available on request.
Standards:



EN 61340-5-1



MATERIAL: 48 % COTTON, 48 % POLYESTER, 4 % CARBON
FABRIC WEIGHT: approx. 170 g/m²
SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)
FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX

▶ CONDUCTEX® Pro Knit

This cotton blend fabric is exceptionally soft with a maximum of wearing comfort. The knit (not woven) material provides optimum fit. It offers a high level of functionality and excellent conductivity levels. Thanks to the polyester amount it is very colorfast. Complete your outfit with our new gloves.



EPA logo
on right upper arm

For best possible protection while manufacturing electronic parts, CONDUCTEX® thread is entwined of two high quality carbon fibres.



SWEAT JACKET

ESD
Part number: **08016 86012 005 + COLOUR NO.**
Garment weight: approx. 550 g

Single-coloured • very smooth and comfortable conductive sweat collar • front with zip fastener • 2 laterally attached pockets • stylish length • comfortable sleeve hems • EPA logo on right upper arm.

Regular sizes: Unisex S-2XL

■ **46** black

■ **45** navy

Standards:



EN 61340-5-1

MATERIAL: 60 % POLYESTER, 33 % COTTON, 7 % CARBON

FABRIC WEIGHT: approx. 305 g/m²

SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: Electronics manufacturing

CONDUCTEX®

▶ Naptex® 4.0

Naptex® 4.0 offers reliable protection for electronic components when high surface resistance is required. The material developed by HB is suitable for industrial washing and certified with the Pro Label, withstands many washes and has a very long service life. With Hohenstein breathability label.



ESD
ELECTRO-
STATIC
DISCHARGE



BLOUSON

ESD
Part number: **08022 18006 001 41**
Garment weight: approx. 425 g

1-coloured • stand-up collar with bevelled collar corner and covered snap fastening • front with covered snap fastening placket • 1 modern spade pocket on left side of chest • 2 side pockets with zip • ergonomically shaped sleeves with dividing seam • sleeves at hem with adjustable covered snap fastening • leasing label at back of collar • EPA badge on the hem.

Regular sizes: 46-58, 94-110

■ royal

Standards:



EN 61340-5-1



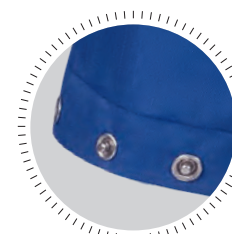
Stand-up collar with
slanted collar corner



Side pockets with
zip fastener

Ergonomically
shaped arms with
divided seams

Sleeve hem
with adjustable
snap fastener



TROUSERS

ESD
Part number: **08022 28010 000 41**
Garment weight: approx. 325 g

1-coloured • cut waistband with button closure • slit with zip • perforated elastic with button adjustable in the back • 2 wing pockets • 1 back pocket on the right with flap and covered snap fastener • 1 leg pocket on the right with flap and covered snap fastener, with cell phone pocket inside • embroidered EPA emblem.

Regular sizes: 46-58, 94-110

■ royal

Standards:



EN 61340-5-1



Adjustable elastic
band with button
in the back



Leg pocket with
mobile phone
pocket inside

Embroidered
EPA emblem

* Due to the low contact resistance, there is no minimum contact protection against current-carrying elements

MATERIAL: 65 % POLYESTER, 33 % COTTON, 2 % METAL

FABRIC WEIGHT: approx. 165 g/m²

SURFACE RESISTIVITY: 10⁵ to 10⁶ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: Warehouse work within electronics production *

Naptex® 4.0 offers reliable protection for electronic components when high surface resistance is required. The clothing is suitable for industrial washing and certified with the Pro Label. It withstands many washes and has a very long service life. The material has been developed by HB and is especially breathable and certified with the Hohenstein breathability label.



LADIES COAT, LONG-SLEEVE

ESD
Part number: **08022 48005 018 + COLOUR NO.**
Garment weight: approx. 370 g
Regular sizes: XS–L

COAT, LONG-SLEEVE

ESD
Part number: **08022 48000 026 + COLOUR NO.**
Garment weight: approx. 380 g
Regular sizes: S–2XL

Single-coloured • cut without side seams • lapel collar • snap fastener closure covered on one side • 1 modern spade pocket on left chest • 2 attached side pockets with slanted openings • hemmed long sleeves • 2 darts on the women's coat • leasing label on the back of the collar • embroidered EPA emblem on the right upper arm.

☐ 10 white
☐ 41 royal

Standards:



EN 61340-5-1

Embroidered
EPA emblem

1|



LADIES COAT, SHORT-SLEEVE

ESD
Part number: **08022 48005 019 + COLOUR NO.**
Garment weight: approx. 335 g
Regular sizes: XS–L

COAT, SHORT-SLEEVE

ESD
Part number: **08022 48000 027 + COLOUR NO.**
Garment weight: approx. 340 g
Regular sizes: S–2XL

Single-coloured • cut without side seams • lapel collar • snap fastener closure covered on one side • 1 modern spade pocket on left chest • 2 attached side pockets with slanted openings • hemmed long sleeves • 2 darts on the women's coat • leasing label on the back of the collar • embroidered EPA emblem on the right upper arm.

☐ 10 white
☐ 41 royal

Standards:



EN 61340-5-1

2|



LADIES COAT, LONG-SLEEVE

ESD
Part number: **08022 48005 020 10**
Garment weight: approx. 400 g
Regular sizes: XS–L

COAT, LONG-SLEEVE

ESD
Part number: **08022 48000 029 10**
Garment weight: approx. 410 g
Regular sizes: S–2XL

Single-coloured • cut without side seams • lapel collar • snap fastener closure covered on one side • 1 modern spade pocket on the left breast side • 2 attached side pockets with slanted openings • cuffs with slit and hidden snap fasteners for adjustment • 2 darts on the women's coat • leasing label on the back in the collar • embroidered EPA emblem on the right upper arm.

☐ white

Standards:



EN 61340-5-1

3|



Darts on the
women's coat

COAT, WITH KNITTED CUFFS

ESD
Part number: **08022 48000 028 10**
Garment weight: approx. 400 g

Single-coloured • cut without side seams • lapel collar • snap fastener closure covered on one side • 1 modern spade pocket on left chest • 2 attached side pockets with slanting openings • cuffs with knitted cuffs • leasing label in the back of the collar • embroidered EPA emblem on the right upper arm.

Regular sizes: S–2XL

☐ white

Standards:



EN 61340-5-1

4|



* Due to the low contact resistance, there is no low minimum contact protection against current-carrying elements

MATERIAL: 65 % POLYESTER, 33 % COTTON, 2 % METAL

FABRIC WEIGHT: approx. 165 g/m²

SURFACE RESISTIVITY: 10⁵ to 10⁶ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: Electronics production *

HABETEX® ESD Comfort

HABETEX® ESD Comfort is the perfect solution for prevention of both electric charging and high particle release. The fabric combines ESD and cleanroom features. So this is multifunctional clothing for working areas needing both ESD and cleanroom protective properties. Fabric with quality label "breathability" from Hohenstein certifiaproxion institute.



Ventilation on the back



Stand-up collar with slanted collar corner and covered snap fastener

Ergonomic sleeves with stretchy knitted cuffs

COVERALL, WITH KNITTED CUFFS

ESD/Cleanroom
Part number: **08020 38002 001 10**
Garment weight: approx. 385 g

Single-coloured • stand-up collar with slanted collar corner and covered snap fastener • front with covered 2-way zip fastener • ergonomic sleeves with stretchy knitted cuffs • ventilation on the back • leasing label on the inside in the back • embroidered EPA logo on right upper arm.

Regular sizes: Unisex S–2XL

☐ white

Standards:



EN 61340-5-1



2 |



EPA logo

Comfortable stretchy knitted cuffs



LADIES COAT, WITH KNITTED CUFFS

ESD/Cleanroom
Part number: **08020 48043 000 10**
Garment weight: approx. 290 g

Single-coloured • stand-up collar with slanted collar corner and covered snap fastener • front with covered snap fastening and darts • 1 straight cutted pocket on the front • 2 slant pockets on the sides with slanted corner • ergonomic sleeves with stretchy knitted cuffs • leasing label on the inside in the back • embroidered EPA logo on right upper arm.

Regular sizes: XS–L

☐ white

Standards:



EN 61340-5-1



MATERIAL: 98 % POLYESTER, 2 % CARBON

FABRIC WEIGHT: approx. 125 g/m² • **CHARACTERISTICS:** low weight, breathable

SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity)

FIELDS OF APPLICATION: ESD and Cleanroom production, like wafer production

HABETEX® ESD Comfort & ACCESSORIES ESD

HABETEX® ESD Comfort is the perfect solution for prevention of both electric charging and high particle release. The fabric combines ESD and cleanroom features. So this is multifunctional clothing for working areas needing both ESD and cleanroom protective properties. Fabric with quality label "breathability" from Hohenstein certifiapproxtion institute.



COAT, WITH KNITTED CUFFS

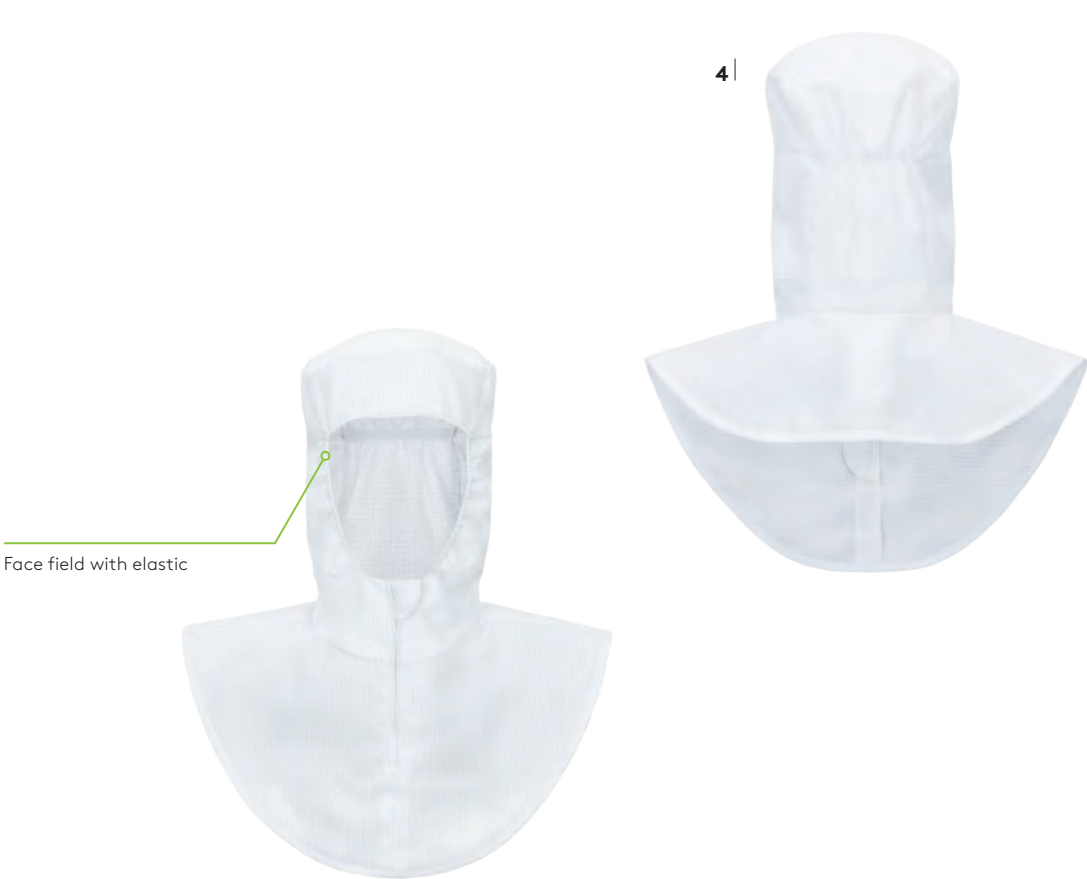
ESD/Cleanroom
Part number: **08020 48042 000 10**
Garment weight: approx. 295 g

Single-coloured • stand-up collar with slanted collar corner and covered snap fastener • front with covered snap fastening and darts • 1 straight cutted pocket on the front • 2 slant pockets on the sides with slanted corner • ergonomic sleeves with stretchy knitted cuffs • leasing label on the inside in the back • embroidered EPA logo on right upper arm.

Regular sizes: S-2XL
☐ white
Standards:



EN 61340-5-1



HEAD COVER

Accessories
Part number: **08020 77004 002 10**
Garment weight: approx. 20 g

Single-coloured • round head part • face field with elastic • shoulder part in front closable with zip.

Sizes: 1/56 to 5/64
☐ white

MATERIAL: 98 % POLYESTER, 2 % CARBON ·
FABRIC WEIGHT: approx. 125 g/m² · **CHARACTERISTICS:** low weight, breathable ·
SURFACE RESISTIVITY: 10⁶ to 10⁷ Ω (used test climate: 23 (±1) °C room temperature, 25 (±5) % air humidity) ·
FIELDS OF APPLICATION: ESD and Cleanroom production, like wafer production