



CLEANROOM GARMENTS 2024

^ alsico

alsico group

Since 1934, our garments have provided maximum protection to the environment and the product, without compromising the comfort, durability and ergonomics that people need.

We manufacture under the recommendations of the IEST-RP-CC003.5 standard and offer technical support for Garments Lifecycle Validation, including the Body Box test in a dispersion chamber.

alsico in numbers



alsico group is Europe's LEADER in the WORKWEAR and PPE MANUFACTURING



Dispatching over 18 MILLION GARMENTS / year



320,000 ITEMS manufactured /week



82,000,000 € in Cleanroom garments



21 factories in 11 countries



7,200 employees worldwide

Goals for 2034

-60% of liquid carbon emissions. Net zero in 2040



A decent standard of living for all our workers



An eco-designed product with a maximum of recycled content



Cleanroom overgarments

GMP EU A-B

ISO 5

Coverall Ref. 70 A04 0000

- / front closure with covered zip
- / mao collar / raglan sleeves
- / waist adjustment with interior band
- / white knitted cuffs on wrists and ankles
- / clips on legs to fix boots
- / sizes 0-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Coverall FDA Ref. 70 A02 0000

- / front closure with covered zip
- / mao collar with one clip / raglan sleeves
- / thumb loop strap attachments
- / waist adjustment with interior band
- / elastic adjustment on wrists and ankles
- / clips on legs to fix boots
- / sizes 0-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Coverall top down Ref. 70 B01 0000

- / full coverall in Alsistrong fabric
- / integrated hood with eye-opening and back straps for head adjustment
- / white knitted cuffs on wrists
- / zip closure between the legs
- / elastic in the back
- / clips on legs to fix boots
- / clips at waist to fix ankles and avoid rubbing against the ground while gowning
- / sizes 0-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



LAB high boot Ref. 70 P00 0000

- / LAB sole
- / back zip closure
- / top adjustment with knitted cuff and three clips
- / double adjustment loops
- / reinforcement on the perimeter of the sole
- / sizes 1-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



IEC 61340-4-9
ESD-marked sole



ESD high boot Ref. 70 P02 0000

- / ESD sole
- / back zip closure
- / top adjustment with knitted cuff and three clips
- / double adjustment loops
- / reinforcement on the perimeter of the sole
- / sizes 1-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Non-slip high boot Ref. 70 P01 0000

- / Non-slip sole
- / back zip closure
- / top adjustment with knitted cuff and three clips
- / double adjustment loops
- / reinforcement on the perimeter of the sole
- / sizes 1-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



FDA high boot Ref. 70 P10 0000

- / LAB sole
- / top adjustment with elastic and clips
- / interior clip to fix boot with coverall
- / lower adjustment with three elastic bands
- / reinforcement on the perimeter of the sole
- / sizes 1-6

Optional: Traceability label 60-90 washes.

fabric:
Alsistrong 98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Hood with no shoulders

Ref. 70 H01 0000

- / eye-opening
- / back straps for head adjustment
- / cut out shoulders for comfort
- / one size

Optional:

- Traceability label 60-90 washes.
- Back clips or elastic bands for adjustment.

fabric:
Alsistrong

98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Hood with shoulders

Ref. 70 H00 0000

- / eye-opening
- / back straps for head adjustment
- / one size

Optional:

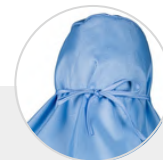
- Traceability label 60-90 washes.
- Back clips or elastic bands for adjustment

fabric:
Alsistrong

98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Cleanroom overgarments

GMP EU C-D

ISO 7-8

EPI CAT II



EN 1149-5:2018

Coverall Ref. 70 A00 0000

- / front closure with covered zip
- / mao collar / ranglan sleeves
- / waist adjustment with interior band
- / antistatic knitted cuffs on wrists and ankles
- / sizes 1-6

fabric:
Cleanstat

98% polyester
2% carbon
125 g/m²

fabric:
Ostendia

99% polyester
1% carbon
150 g/m²

fabric:
Alsistrong*

98% polyester
2% carbon
118 g/m²

fabric:
PTL-225*

99% polyester
2% carbon
150 g/m²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Coat Ref. 70 D00 0000

- / front closure with covered zip
- / mao collar
- / no pockets
- / knitted cuffs on wrists
- / sizes 1-6

fabric:
Cleanstat

98% polyester
2% carbon
125 g/m²

fabric:
Ostendia

99% polyester
1% carbon
150 g/m²

fabric:
PTL-225*

99% polyester
2% carbon
150 g/m²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



be.clean coat Ref. 1036300

- / front closure with covered zip
- / collar with 2 clips
- / ranglan sleeves
- / antistatic knitted cuffs on wrists
- / clips for name tag
- / sizes xs - xxl

fabric:
Alsistrong

98% polyester
2% carbon
118 g/m²



Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Jacket Ref. 70 C00 0000

- / front closure with covered zip
- / mao collar
- / knitted cuffs on wrists
- / no pockets
- / sizes 1-6

fabric:	fabric:	fabric:
Cleanstat	Ostendia	PTL-225*
98% polyester 2% carbon 125 g/m ²	99% polyester 1% carbon 150 g/m ²	98% polyester 2% carbon 150 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Trousers Ref. 70 G00 0000

- / elastic waist adjustment
- / no front opening
- / no pockets
- / knitted cuffs on ankles
- / sizes 1-6

fabric:	fabric:	fabric:
Cleanstat	Ostendia	PTL-225*
98% polyester 2% carbon 125 g/m ²	99% polyester 1% carbon 130 g/m ²	98% polyester 2% carbon 150 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Open-face hood

Straps Ref. 70 H04 0000 Elastics Ref. 70 H10 0000

EPI CAT II



EN 1149-5:2018

- / face-opening
- / back straps for head adjustment
- / one size
- / certified PPE CAT II standard EN 1149-5:2018 with Alsistrong and PTL-225 fabric

Optional:
• elastic back adjustment



fabric:	fabric:	fabric:	fabric:
Cleanstat	Ostendia	PTL-225*	Alsistrong*
98% polyester 2% carbon 125 g/m ²	99% polyester 1% carbon 150 g/m ²	98% polyester 2% carbon 150 g/m ²	98% polyester 2% carbon 118 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Cap with strangler

- / internal elastic adjustment
- / regulable adjustment at the back with strangler
- / covers all hair
- / one size

fabric:
Cleanstat

98% polyester
2% carbon
125 g/m²

fabric:
Alsistrong*

98% polyester
2% carbon
118 g/m²

fabric:
Polyester
mesh

fabric:
Ostendia

99% polyester
1% carbon
150 g/m²

fabric:
PTL-225*

98% polyester
2% carbon
150 g/m²



*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Cap

- / internal elastic adjustment
- / covers all hair
- / one size

fabric:
Cleanstat

98% polyester
2% carbon
125 g/m²

fabric:
Alsistrong*

98% polyester
2% carbon
118 g/m²

fabric:
Polyester
mesh

fabric:
Ostendia

99% polyester
1% carbon
150 g/m²

fabric:
PTL-225*

98% polyester
2% carbon
150 g/m²



*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



CNC areas

Clean Non Classified areas

Coat Ref. 70 D09 0000

- / front closure with covered zip
- / mao collar
- / knitted cuffs on wrists
- / no pockets
- / overlock stitch
- / sizes 1-6

fabric:	fabric:
Ostendia	PTL-225*
99% polyester	98% polyester
1% carbon	2% carbon
150 g/m ²	150 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Jacket Ref. 70 C11 0000

- / front closure with covered zip
- / mao collar
- / knitted cuffs on wrists
- / no pockets
- / overlock stitch
- / sizes 1-6

fabric:	fabric:
Ostendia	PTL-225*
99% polyester	98% polyester
1% carbon	2% carbon
150 g/m ²	150 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Trousers Ref. 70 G04 0000

- / elastic waist adjustment
- / no front opening
- / no pockets
- / knitted cuffs on ankles
- / overlock stitch
- / sizes 1-6

fabric:	fabric:
Ostendia	PTL-225*
99% polyester	98% polyester
1% carbon	2% carbon
150 g/m ²	150 g/m ²

*Fabric tested after 70 washing cycles according to EN 1149-5:2018.



Undergarments

Alsico recommends the use of polyester garments under the coverall in rooms classified A/B, class 100.

Thanks to its soft polyester microfiber composition, the inner undergarment ensures the comfort of the coverall while providing double protection, mitigating the risks of particle emission caused by possible blow effects.

Tunic Ref. 70 C03 0000

- / closed and round collar
- / long sleeves
- / elastic sleeve adjustment
- / overlock stitch
- / sizes 1-6

Optional: Short sleeve.

fabric: **VBK75-C**

99% polyester
1% carbon
94 g/m²



Coverall

Ref. 70 A03 0000

- / front closure with covered zip
- / mao collar
- / ranglan sleeves
- / waist adjustment with interior band
- / elastic adjustment on wrists and ankles
- / overlock stitch
- / sizes 1-6

fabric: **VBK75-C**

99% polyester
1% carbon
94 g/m²



Trousers Ref. 70 G01 0000

- / elastic waist adjustment
- / adjustment on ankles
- / no pockets
- / overlock stitch
- / sizes 1-6

fabric: **VBK75-C**

99% polyester
1% carbon
94 g/m²

Antibacterial Treatment



Decreases bioburden.



Facilitates correct aseptic gowning technique.



Controls bad odors caused by microorganisms.



Non-allergenic and safe for the environment.



Long lasting antimicrobial effect even after multiple washes.

Tunic

Ref. 70 C03 0000

- / closed and round collar
- / long sleeves
- / elastic sleeve adjustment
- / overlock stitch
- / sizes 1-6

Optional: Short sleeve.

fabric:
Alsisandwash con tratamiento
Bi-Ome

98% polyester
 2% carbon
 93 g/m²



Coverall

Ref. 70 A03 0000

- / front closure with covered zip
- / mao collar
- / ranglan sleeves
- / waist adjustment with interior band
- / elastic adjustment on wrists and ankles
- / overlock stitch
- / sizes 1-6

fabric:
Alsisandwash with Bi-Ome®
treatment

98% polyester
 2% carbon
 93 g/m²



Trousers

Ref. 70 G01 0000

- / elastic waist adjustment
- / elastic adjustment on ankles
- / no pockets
- / overlock stitch
- / sizes 1-6

fabric:
Alsisandwash with Bi-Ome®
treatment

98% polyester
 2% carbon
 93 g/m²

General services

Coat Ref. TI661430-9250101

- / mao collar
- / front closure with hidden clips
- / two-piece back with bottom opening
- / long sleeves with cuffs
- / wash resistant up to 80°C
- / sizes XS - 3XL

fabric:

65% polyester
35% cotton
210 g/m²



Jacket Ref. TI319421-9250101

- / mao collar
- / front closure with hidden clips
- / long sleeves with knitted fabric
- / wash resistant up to 80°C
- / sizes XS - 3XL

fabric:

65% polyester
35% cotton
210 g/m²



Trousers Ref. TI228430-9250101

- / elastic waistband with 2 visible clips
- / fly with 3 hidden clips
- / italian pocket
- / wash resistant up to 80°C
- / sizes XS - 3XL

fabric:

65% polyester
35% cotton
210 g/m²



ALSIFLEX®
comfort stretch technology

b better
cotton
member



Shape recovering fibres



Minimum of 25% weft stretch



Emits 2/3 less CO2 eq than one of our comparable conventional workwear fabrics



Recycled Polyester & biobased fibers



Cotton sourced from recognised sustainable programmes



Tunic / Aron

Ref. 1038360 - 1038359 - 1037990 - 1038355

- / comfortable tunic with v-neck
- / shoulder seam offset towards front
- / chest pocket on left with pen pocket and phone pocket
- / short sleeves
- / sizes XS - 4XL

fabric:

ALSIFLEX®

79 % recycled polyester
21 % sustainably sourced cotton
210 o 265 g/m²



1038360

1038359

1037990

1038355



Trousers / Siebe

Ref. 1038048 - 1038045 - 1038046 - 1038047

- / elastic waistband with string
- / 1 stitched-on thigh pocket with pen pocket and phone pocket
- / 2 side pockets
- / sizes 38-64

fabric:

ALSIFLEX®

79 % recycled polyester
21 % sustainably sourced cotton
210 o 265 g/m²



1038046

1038045

1038048

1038047

Maintenance

Polo / Alouis

Ref. 1018402 - 1018415

- / unisex with comfort fit
- / ribbed polo collar
- / placket with buttons
- / short sleeves with ribbing
- / side slits
- / industrially washable

fabric:

50% polyester
50% cotton
210 g/m²

1018402

1018415



T-shirt / Sun

Ref. 1018101 - 1018098

- / ribbed collar
- / rimmed short sleeves
- / industrially washable
- / sizes 2XS - 4XL

fabric:

50% polyester
50% cotton
180 g/m²

1018402

1018415



Jacket / Napoli

Ref. 1036120 - 1036815 - 1036816 - 1036813 -
1036814 - 1038708

- / closure in front with wip
- / collar, cuffs and waistband in recycled rib fabric
- / 2 large side pockets, closeable with hidden press button
- / pen pocket on the left sleeve
- / industrially washable
- / sizes XS - 4XL

fabric:

ALSIFLEX®

79% recycled polyester
21% cotton
265 g/m²



1036120

10336815

1036816

1036813

1036814

1038708

Trousers / Capri

Ref. 1036120 - 1036815 - 1036816 - 1036813 -
1036814 - 1038708

- / waistband with elastic in the sides for perfect fit
- / closure in front with jeans button and zipper
- / 2 big side pockets & 2 back pockets
- / industrially washable
- / sizes 36-64

fabric:

ALSIFLEX®

79% recycled polyester
21% cotton
265g/m²



1035527

1036965

1036968

1036967

1036966

1038707



Accessories

Socks

- / comfortable at the toe
- / one size

fabric:

97% polyamide
3% elastane

1040258

1036965

1036967

1036966

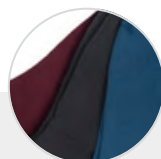


Socks

- / low particle release polyamide fabric
- / cotton free
- / anti-pressure
- / reusable
- / one size

fabric:

100% polyamide



Sock washing bag

- / polyester mesh fabric
- / easy closure with strangler
- / identification label
- / reusable
- / washing capacity up to 10-12 pairs of socks

fabric:

Ostendia

99% polyester
1% carbon
130 g/m²

fabric:

Alsistrong

98% polyester
2% carbon
118 g/m²

fabric:

Cleanstat

98% polyester
2% carbon
125 g/m²

Garment storage bag

- / bag for coat, undergarment or tunic/trousers
- / measures: 38x30 cm
- / closure with a flap and two clips

fabric:	fabric:	fabric:
Ostendia	Alsistrong	Cleanstat
99% polyester 1% carbon 130 g/m ²	98% polyester 2% carbon 118 g/m ²	98% polyester 2% carbon 125 g/m ²



Garment storage bag

- / bag for overalls, hoods, high boots
- / measures: 38x62 cm
- / closure with a flap and three clips

fabric:	fabric:	fabric:
Ostendia	Alsistrong	Cleanstat
99% polyester 1% carbon 130 g/m ²	98% polyester 2% carbon 118 g/m ²	98% polyester 2% carbon 125 g/m ²



Recycling service

Used workwear too often ends up in the incinerator after a single use. In many cases due to a lack of alternatives. That's why **alsico** offers solutions based on the principles of sustainability. We will take back your old clothes and find a suitable and meaningful reuse for them.

What kind of re-use is carried out?

If the clothes are in good condition, we will consider the possibility of reusing them. **Alsico** employs its repair workshop for minor alterations to restore the garment to full functionality. Logo-marked clothing will always be destroyed. Waste trimmings from our production sites are returned to our recycling circuit. As with unworn clothing, we use unused fabric remnants to produce new fibres and fabrics.

In the case of used workwear, we convert it into fibre, which is then converted into a non-woven material that can be used as acoustic or thermal insulation, or as a fabric for new products. If there are reflective stripes, we will check if they can be easily removed so that the fabrics can be reused or cloths can be recycled. If not, these will be used for energy generation by high-calorific incineration.

Cleanroom garments are recycled into polyester filament and, when this is not possible, they are used to generate energy.

To find out more about the recycling service, please contact us at info@alsico.es or visit www.alsico.es.



Fabrics - Cleanroom overgarments

Fabric	Description	Colours (consult stock)	ISO	GMP EU	Sterilisable	Industrially washable	Certifications
Alsistrong	98% PES / 2% CA. 118 g/m ² . Filtration effect 98% / 0,3 µm. Antistatic with carbon filament. Very soft and comfortable.		4-8	A B C D			Fabric tested after 70 washing cycles according to EN 1149-5:2018.
Cleanstat	98% PES / 2% CA. 125 g/m ² . Filtration effect 48,6% / 0,3 µm. Comfortable fabric.		7-8	C D			
PTL-225	98% PES / 2% CA. 150g/m ² . Filtration effect 22,5% / 0,3 µm. Very resistant fabric. Wash before first use.		7-8	C D			Fabric tested after 70 washing cycles according to EN 1149-5:2018.
Ostendia	99% PES / 1% CA. 150 g/m ² . Filtration effect 99,5% / 0,3 µm. European Standard EN 13795. Fabric for areas where there is no direct contact with the product.		7-8	C D			
VBK75-C	99% PES / 1% CA. 94g/m ² . Filtration effect 65% / 0,3 µm.		7-8	C D			
Alsi-Flex	79% recycled polyester / 21% sustainable cotton. 210g/m ² o 265g/m ² . Stretchy, durable and comfortable fabric.		-	-			

Fabrics - Cleanroom undergarments

Fabric	Description	Colours (consult stock)	ISO	GMP EU	Sterilisable	Industrially washable	Certifications
Alsisandwash	98% PES / 2% CA. 93g/m ² . Filtration effect 27% / 0,3 µm. Lightweight and comfortable fabric.		5-8	A B C D			
VBK75-C	99% PES / 1% CA. 94g/m ² . Filtration effect 65% / 0,3 µm.		5-8	A B C D			



Headquarters

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