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alsico
hightech

Who is Alsico High Tech?

Alsico High Tech is a global supplier of garments for cleanrooms, clean areas, ESD environments and operating theatres.

We develop, produce and supply high quality garments to rental companies, end-users and specialised distributors.

We are part of the Alsico group, specialist in workwear with more than 80 years' experience. Alsico High Tech started in 1990 as a division of Alsico Belgium but became a separate company in 2010. This was essential to concentrate 100% on its core business: creating and producing cleanroom garments.

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As a three decade long market leader in the cleanroom industry, we at Alsico High Tech noticed that there is a strong demand for a clear and complete cleanroom /clean area garment range.

Due to our close collaboration with end customers and rental companies we were able to create our own complete collection, be.clean.

In our be.clean collection you can find the required garments that are suitable for working in a controlled environment.

cleanroom overgarments & clean area undergarments

- / according to IEST-RP-CC003.4 standard
- / approved durability
- / high protection
- / high comfort
- / stock available of selected models
- / custom-made models available upon request
- / all garments are validated for autoclaving. (please contact us when Gamma-, Beta-, X-ray or ETO sterilisation is needed)

cleanroom overgarments

Coverall

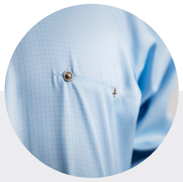
with studs (ref. K1198322) or
antistatic cuffs (ref. K1198018) at the legs

/ stand collar with 2 studs
/ concealed zip front fastening
/ raglan sleeves with antistatic cuffs
/ studs for name tag on left chest
/ 3 studs on each side of the legs to attach boots
/ adjustable elastic in the back
/ marker fabric
/ no pockets

fabric,
Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
in stock

- white with studs (ref. 1002714)
- light blue with studs (ref. 1002715)
- white with cuffs (ref. 1003824)
- light blue with cuffs (ref. 1003833)



Coverall with integrated hood

With studs (ref. K1198113) or
antistatic cuffs (ref. K1198109) at the legs

/ integrated hood with studs
/ strap with buckle at the back of the hood for adjustment
/ concealed zip front fastening
/ raglan sleeves with antistatic cuffs
/ 3 studs on each side of the legs to attach boots
/ adjustable elastic in the back
/ marker fabric
/ no pockets

fabric,
Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:

- white with studs (ref. 1033621)
- light blue with studs (ref. 1033622)
- white with cuffs (ref. 1033362)
- light blue with cuffs (ref. 1033363)

Top Down Coverall with integrated hood

With studs (ref. K1122035) or
antistatic cuffs (ref. K1122055) at the legs

/ integrated hood with eye-opening
/ integrated face mask in the hood
/ strap with buckle at the back of the hood for adjustment
/ zipper closure between the legs
/ raglan sleeves with antistatic cuffs
/ 3 studs on each side of the legs to attach boots
/ adjustable elastic in the back
/ marker fabric
/ no pockets

fabric,
Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:

- white with studs (ref. 1033533)
- light blue with studs (ref. 1033534)
- white with cuffs (ref. 1033615)
- light blue with cuffs (ref. 1033616)

Hood - flat top

ref. K9975110

/ concealed zip front fastening
/ 2 studs to attach face mask
/ 2 side openings for cleanroom goggles
/ strap with buckle at the back for adjustment
/ marker fabric

fabric, Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
in stock
white (ref. 1003835)
light blue (ref. 1002390)

Hood - balloon shaped top

ref. K9004010

/ concealed zip front fastening
/ 2 studs to attach face mask
/ 2 side openings for cleanroom goggles
/ strap with buckle at the back for adjustment
/ marker fabric

fabric, Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
white (ref. 1033541)
light blue (ref. 1033542)

Boot without zipper

ref. K9113014

/ coloured strap with 2-piece buckle over the foot
/ antistatic sole Combi P
/ reinforcement tape around the sole
/ strap and studs at the top of the boot for adjustment
/ studs to attach the boot to the coverall
/ marker fabric

fabric, Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
in stock
white (ref. 1025016)
light blue (ref. 1024768)

Boot with zipper

ref. K9113028

/ coloured strap with 2-piece buckle over the foot
/ antistatic sole Combi P
/ reinforcement tape around the sole
/ strap and studs at the top of the boot for adjustment
/ zipper in the front
/ studs to attach the boot to the coverall
/ marker fabric

fabric, Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
in stock
white (ref. 1034488)
light blue (ref. 1034204)

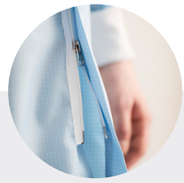
Coat

ref. K6660759

/ stand collar with 2 studs
/ concealed zip front fastening
/ raglan sleeves with antistatic cuffs
/ studs for name tag on left chest
/ marker fabric
/ no pockets

fabric, Alsistrong:
98% Polyester
2% Carbon
118 g/m²

colours:
in stock
white (ref. 1002741)
light blue (ref. 1002716)



clean area undergarments

Tunic - knitted waistband

ref. K3249016

/ knitted crew neck
/ long inserted sleeves
/ knitted fabric at sleeves and waist
/ marker fabric

fabric, Alsisandwash:
98% Polyester
2% Carbon
93 g/m²

colours:
light blue (ref. 1003825)

Tunic - seamed waistband

ref. K3249022

/ knitted crew neck
/ long inserted sleeves
/ knitted fabric at sleeves
/ seamed at the waist
/ marker fabric

fabric, Alsisandwash:
98% Polyester
2% Carbon
93 g/m²

colours:
light blue (ref. 1022895)

Trousers

ref. K2254051

/ waistband with elastic and drawstring
/ knitted cuffs at the bottom of the legs
/ small inside pocket (right front), can be used as marker fabric

fabric, Alsisandwash:
98% Polyester
2% Carbon
93 g/m²

colours:
light blue (ref. 1022901)

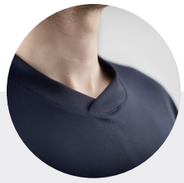
Tunic

ref. K3249057

/ V-neck
/ long raglan sleeves
/ 2 side vents
/ seamed at the waist

fabric,
Movix:
96% Polyester
4% Carbon
152 g/m²

colours:
navy (ref. 1033607)



Trousers

ref. K2400005

/ waistband with elastic and drawstring
/ 2 side pockets
/ cuffs in main fabric at the bottom of the legs

fabric,
Movix:
96% Polyester
4% Carbon
152 g/m²

colours:
navy (ref. 1033614)

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Overshoe

ref. A9246001

/ elastic at the top
/ Hypalon sole
/ reinforcement tape around the sole

fabric,
H 8200:
100% Polyester
142 g/m²

colours:
in stock
white (ref. 1001631)
light blue (ref. 1001657)

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Fabrics

Our selected fabric for cleanroom overgarments

Alsistrong

Fabric:
98% Polyester
2% Carbon
118 g/m²
Twill 3/2

colours:
- royal blue
- navy
- light blue
- white
- grey
- lemon green
- olive green
- deep green
- light yellow
- canary yellow
- orange
- red

Our selected fabrics for clean area undergarments

H 8200

Fabric:
100% Polyester
142 g/m²
Plain 1/1

colours:
- navy
- light blue
- white
- deep green

Alsisandwash

Fabric:
98% Polyester
2% Carbon
93g/m²
Plain 1/1

colours:
- royal blue
- navy
- light blue
- white
- grey
- olive green
- red

Movix

Fabric:
96% Polyester
4% Carbon
152 g/m²
Fish bone
doubled

colours:
- navy
- black
- white
- grey

ISO classification

Cleanrooms are classified according to the number and size of particles permitted per volume of air.

The standard DIN EN ISO 14644-5 classification provides the basic requirements for operating and maintaining cleanrooms and associated controlled environments and ranks cleanrooms in ISO classes. The system is rated on the number of airborne particles per m³ and the size of those particles, with 1 being the most hygienic cleanroom environment. The smaller the number, the cleaner the air in the room.

Number of Particles per Cubis Meter by Micrometer Size

	0,1 µm	0,2 µm	0,3 µm	0,5 µm	1 µm	5 µm
ISO 1	10	2				
ISO 2	100	24	10	4		
ISO 3	1000	237	102	35	8	
ISO 4	10000	2370	1020	352	83	
ISO 5	100000	23700	10200	3520	832	29
ISO 6	1000000	237000	102000	35200	8320	293
ISO 7				352000	83200	2930
ISO 8				3520000	832000	29300
ISO 9				35200000	8320000	293000

Overview

Ref.	ISO	Sterilisable*	Description	Colour	In stock	Sizes
1	4-9	◉	**Coverall** / studs (ref. K1198322) or antistatic cuffs (ref. K1198018)	white & light blue	◉	XS-XXL
2	4-9	◉	**Coverall with integrated hood** / studs (ref. K1198113) or antistatic cuffs (ref. K1198109)	white & light blue		XS-XXL
3	4-9	◉	**Top Down Coverall with integrated hood** / studs (ref. K1122035) or antistatic cuffs (ref. K1122055)	white & light blue		XS-XXL
4	4-9	◉	**Hood - flat top** / ref. K9975110	white & light blue	◉	XS-XXL
5	4-9	◉	**Hood - balloon shaped top** / ref. K9004010	white & light blue		XS-XXL
6	4-9	◉	**Boot without zipper** / ref. K9113014	white & light blue	◉	XS-3XL
7	4-9	◉	**Boot with zipper** / ref. K9113028	white & light blue		XS-3XL
8	4-9	◉	**Coat** / ref. K6660759	white & light blue	◉	XS-XXL
9	7-9		**Tunic - knitted waistband** / ref. K3249016	light blue	◉	XS-XXL
10	7-9		**Tunic - seamed waistband** / ref. K3249022	light blue	◉	XS-XXL
11	7-9		**Trousers** / ref. K2254051	light blue	◉	XS-XXL
12	7-9		**Tunic** / ref. K3249057	navy		XS-XXL
13	7-9		**Trousers** / ref. K2400005	navy		XS-XXL
14	7-9		**Overshoe** / ref. A9246001	white & light blue		XS-3XL

**Contact us for more information about the sterilistation possibilities (Gamma, Beta, X-ray, ETO, autoclaving)*

cleanroom overgarments

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clean area undergarments

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