



Premium ESD Black Lab Coats

KSGBLK

Description

Our premium range of ESD lab coats are manufactured from the highest quality static-dissipative materials to ensure you with maximum comfort. These belong to the standard collection of lab coats as their design meets the usual requirements. They are manufactured using a static dissipative woven fabric (carbon loaded yarns in 5 mm grid), making the smock suitable for wear in electrostatic protected environments (EPAs).

Features

- Composed of 74% Polyester, 24% Cotton, 2% Conductive fiber.
- Static dissipative woven fabric (carbon loaded yarns in 5 mm grid)
- Black as standard colour, other colours can be requested.
- Suitable for electronic manufacturing and engineering companies,
- 2 side pockets, 1 breast pocket with ESD symbol.
- High quality fabric, offering excellent comfort.
- Available sizes: unisex S – 3XL.
- Hidden snap-fasteners.
- Cuff with snap-fasteners.
- Fabric weighs 125 g/m².
- 2/3 length.
- RoHS and REACH compliant.

Optional Features

- Standing collar.
- Conductive elasticated cuff.
- Waist knitter.
- Grounding smock.

Bespoke Customisation

- Embroidered or printed company logo or text available upon request.
- Individual custom-made ESD Clothing also available, including bespoke sizes and colours.



IEC/TS 61340-4-9-2016 and ANSI/ESD STM2.1-2018 ESD certified products.





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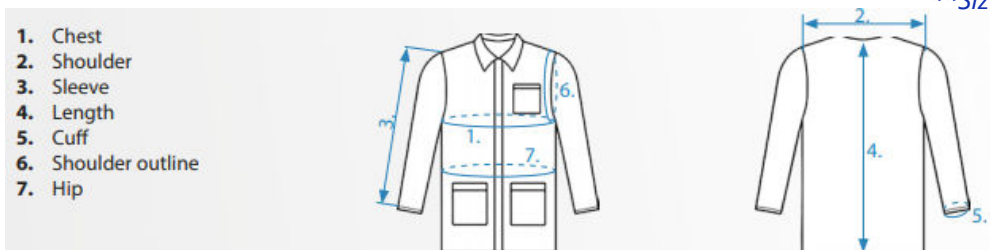
Fabric Properties

Specifications	
Material	Static dissipative woven fabric (carbon loaded yarns in 5 mm grid)
Composition	74% Polyester, 24% Cotton, 2% Conductive fiber
Fabric weight	125 g/m ²
Finish	Crease resists, workwear
Resistance from point to point (Rp)	10 ⁶ - 10 ⁷ Ohm
Charging time	< 2 seconds
Electrical properties	Electrical properties maintained after more then 50 industrial washings according to IEC/TS 61340-4-9-2016 and ANSI/ESD STM2.1-2018
Standards	Complies with IEC/TS 61340-4-9-2016 and ANSI/ESD STM2.1-2018
Washing	Developed for industrial washing

Size Chart

Size Chart (cm)	S	M	L	XL	2XL	3XL
Cuff	33	34	35	36	36	37
Sleeve	53	57	61	65	65	67
Length	91	93	95	99	101	103
Chest	98	106	114	122	130	136
Hip	98	106	114	122	130	136
Shoulder	43	46	49	52	55	58
Shoulder outline	58	60	62	64	66	68

****Size tolerance (Before washing): 2%****





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Washing Instructions

Conductive carbon fibers used in ESD fabrics are very sensitive to high temperatures, alkalis, acids, rinses (softeners) and bleaches. Inadequate use may cause damage to carbon fibers and ESD clothing may lose or significantly deteriorate ESD parameters.

Therefore, wash ESD clothing very carefully, in each case please follow the instructions:

- In order to preserve the long life of ESD clothing, please use industrial laundries who can provide controlled, documented washing procedures and environment!
- Washing in cold or no warmer than 40 °C (104 °F) lukewarm water with neutral liquid detergent!
- Do not use detergent containing bleach and fabric softener ingredients containing chlorine!
- Bleachers are forbidden! Use of alkalis, acids or fabric softeners is prohibited!
- Do not dry clean!
- Drying in the open air and / or at a temperature up to 50 °C (120 °F) or less!
- The ESD clothing does not require ironing but if absolutely necessary in that case the maximum temperature is 110 °C (230 °F) or lower!



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Premium ESD Black Lab Coats, May 4th 2021.