

TECHNICAL DATASHEET

ESS ESD SMOCK

1/2 LENGTH



D és Tsa Bt. • 2600 Vác, Gálcsék u. 8-10. • Tel.: +36 27 502 555 • Fax: +36 27 200 835 • sales@destsa.hu • destsa.hu • dlb.hu



FEATURES

- » **Standard sizes:** Unisex XS - 5XL
- » 2 side pockets, 1 breast pocket with ESD logo
- » Hidden snap-fasteners
- » Cuff with snap-fasteners*

OPTIONAL

- » SHORT SLEEVED VERSION - **CODE: SSL**
- » STANDING COLLAR - **CODE: AGL**
- » COND. ELASTICATED CUFF - **CODE: RAN**
- » WAIST KNITTER - **CODE: OTO**
- » GROUNDING SMOCK - **CODE: GND/GNDR**

FABRIC PROPERTIES

- » Static dissipative woven fabric (carbon loaded yarns in 5 mm grid)
- » **Finish:** Crease resists, workwear
- » **Resistance from point to point (Rp):** **1 - 6. fabrics:** $10^6 - 10^7$ Ohm, **7. fabric:** $10^6 - 10^9$ Ohm
- » **Charging time:** < 2 seconds
- » Complies with IEC 61340-4-9:2024 and ANSI/ESD STM2.1:2018, and keeps this compliance after more than 50 industrial washings
- » Developed for industrial washing

1. KK01

- » **Composition:** 74% Polyester, 24% Cotton, 2% Conductive fiber
- » **Fabric Weight:** 125 g/m²

2. TH55

- » **Composition:** 63% Polyester 33% Cotton 4% Conductive fiber
- » **Fabric Weight:** 155 g/m²

3. CT35

- » **Composition:** 69% Polyester 27% Cotton 4% Conductive fiber
- » **Fabric Weight:** 130 g/m²

4. TH65

- » **Composition:** 36% Polyester 60% Cotton 4% Conductive fiber
- » **Fabric Weight:** 160 g/m²

5. CR10

- » Clean Room class 10000, ISO 7
- » **Composition:** 98% Polyester 2% Conductive fiber
- » **Fabric Weight:** 115 g/m²

6. CR10HI

- » Clean Room class 10000, ISO 7 **High Visibility fabric**
- » **Composition:** 98% Polyester 2% Conductive fiber
- » **Fabric Weight:** 115 g/m²

7. EECO01

- » Static dissipative woven fabric (carbon loaded yarns in 4 mm grid)
- » **Composition:** 63% Polyester 33% Cotton 4% Conductive fibre
- » **Fabric Weight:** 150 g/m²



Models with **OEKO-TEX®**
STANDARD 100 certification
are also available



Economy – products
with economy price

*The picture is with conductive elasticated cuff, which is optional,
not standard design



KK01 FABRIC



TH55 FABRIC



CT35/TH65 FABRIC

W

CR10 FABRIC



CR10HI FABRIC



EECO01 FABRIC



ORDERING CODE SAMPLE

ESS - **KK01** - **LB** **L** + **DLB** - **RAN** - **W**
style fabric color size option color

Clothing certified according
to the international ESD
standards, as indicated by
this/similar label



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SIZE CHART (CM)	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Cuff	32	33	34	35	36	36	37	37	38
Sleeve	57	59	63	67	71	71	73	73	74
Length	78	80	82	84	88	90	92	94	96
Chest	90	98	106	114	122	130	136	142	148
Hip	90	98	106	114	122	130	136	142	148
Shoulder	36	39	42	45	48	51	54	57	60

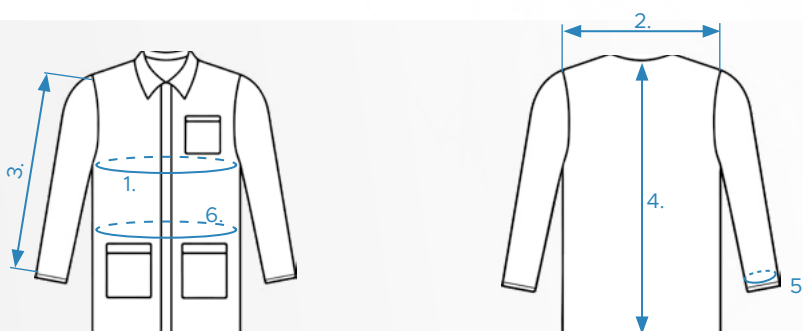
Size tolerance (Before washing): 2%



You can contact us too for customized embroidered or screen printed company logos, lettering, custom designed ESD clothing.

DESCRIPTION

1. Chest
2. Shoulder
3. Sleeve
4. Length
5. Cuff
6. Hip



WASHING INSTRUCTIONS

Conductive carbon fibres used in ESD fabrics are very sensitive to high temperatures, alkalis, acids, rinses (softeners) and bleaches. Inadequate use may cause damage to carbon fibres and ESD clothing may lose or significantly deteriorate ESD parameters. Therefore, wash ESD clothing very carefully, in each case please follow the instructions:

KK01, TH55, EECO01, CT35, TH65, CR10, CR10HI FABRICS

- i** In order to preserve the long life of ESD clothings, please use industrial laundries who can provide controlled, documented washing procedures and environment
- i** Wash in cold or not warmer than 40 °C (104 °F) lukewarm water with neutral liquid detergent
- i** Do not use detergents and / or rinse aids that contain bleach and / or chlorine
- i** Bleachers are forbidden
- i** Do not use rinse aids or detergents with a high alkali or high acid content
- i** Do not dry clean
- i** Dry in the open air and / or with drum drying with gentle programme (low temperature, maximum 50 °C (120 °F))
- i** Does not require ironing, but if absolutely necessary, iron at a maximum temperature of 110 °C (230 °F) without steaming
- i** Wash all items inside out
- i** Using deodorant can damage the color of the product
- i** When drying clothes outdoors, do not expose them to direct sunlight
- i** Tighten the zippers before each wash



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WARRANTY

- ❗ The warranty is strictly valid under controlled and documented industrial laundry conditions, concern the fabric washing cycle as specified in the technical data's.
- ❗ The warranty is NOT valid if the washing process is made in home environment!
- ❗ The warranty covers ESD parameters and possible sewing errors according to IEC 61340-4-9:2024 and ANSI/ESD STM2.1:2018 standard issued only!
- ❗ The warranty does not cover the size and shrinkage differences within the tolerances given at the size charts!
- ❗ Our clothing products are provided with the „Operating instructions with symbols” according to the EN ISO 3758:2023 standard.
- ❗ If the product shows improper tampering (e.g. tread extension or tearing), the complaint can be rejected.



The availability of products manufactured from the colors shown may vary.
For current expected delivery times and other requested colors please contact us.

