

TECHNICAL DATASHEET

NT ESD MALE SUITE PANTS



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FEATURES

- » **Standard sizes:** Male XS - 5XL
- » Straight cut
- » 2 side pockets, 1 hip pocket
- » ESD logo on the waist

FABRIC PROPERTIES

- » Static dissipative woven fabric (carbon loaded yarns in 5 mm grid)
- » **Finish:** Crease resists, workwear
- » **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

KK01

- » **Composition:** 74% Polyester, 24% Cotton, 2% Conductive fiber
- » **Fabric Weight:** 125 g/m²
- » **Resistance from point to point (Rp):** 10⁶ - 10⁷ Ohm

TH55

- » **Composition:** 63% Polyester 33% Cotton 4% Conductive fiber
- » **Fabric Weight:** 155 g/m²
- » **Resistance from point to point (Rp):** 10⁶ - 10⁷ Ohm

CT35

- » **Composition:** 69% Polyester 27% Cotton 4% Conductive fiber
- » **Fabric Weight:** 130 g/m²
- » **Resistance from point to point (Rp):** 10⁶ - 10⁷ Ohm

TH65

- » **Composition:** 36% Polyester 60% Cotton 4% Conductive fiber
- » **Fabric Weight:** 160 g/m²
- » **Resistance from point to point (Rp):** 10⁶ - 10⁷ Ohm

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
- » **Resistance from point to point (Rp):** 10⁶ - 10⁹ Ohm

KK01 FABRIC



TH55 FABRIC



CT35 FABRIC



TH65 FABRIC



EECO01 FABRIC



ORDERING CODE SAMPLE

NT - KK01 - BK L
style fabric color size

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



SIZE CHART (CM)	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Waist	80	84	88	92	96	100	104	109	113
Hip	98	102	107	111	115	119	123	128	132
Length external	102	104	106	108	110	112	114	116	118

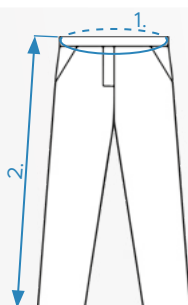
Size tolerance (Before washing): 2%



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

DESCRIPTION

1. Hip
2. Length external



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 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



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.