



INSTITUTE FOR TESTING AND CERTIFICATION, a.s.
ZLÍN – CZECH REPUBLIC

TESTIMONIAL

No. 12 047

Product Certification Body
confirms that

ESD overall – ESD 5XX

woven fabric, plain weave, grid pattern (10 x 10) mm
composition: 66 % cotton / 34 % polyester (conductive fibre content min. 3 %), min. 160 g/m²

ESD blouse – ESD 6XX, ESD trousers – ESD 3XXX a ESD 4XX

woven fabric, twill weave, grid pattern (10 x 10) mm
composition: 66 % cotton / 34 % polyester (conductive fibre content min. 3 %), 200 g/m²

ESD T-shirt – ESD 1XX

plain jersey, stripe pattern 10 mm
composition: 98 % cotton / 2 % polyester conductive, 160 g/m²

ESD sweatshirt – ESD 2XX

laid-in fabric with s napped back side, stripe pattern
composition: 52 % cotton / 48 % polyester conductive (conductive fibre content min. 3 %), 300 g/m²

submitted by

VÚB a.s.

Na Ostrově 1165, 562 23 Ústí nad Orlicí, Czech republic

shows parameters as follows:

Parameter (test method)	Unit	Requirement ¹⁾	Value obtained
Point-to-point resistance R _{p-p}	Ω	R _{p-p} < 1.10 ¹²	
Representative: Overall – ESD 503			max. 3,8.10 ¹⁰
Representative: Blouse – ESD 601			max. 1,6.10 ¹¹
Representative: Trousers – bib trousers, ESD 401			max. 5,5.10 ¹⁰
Representative: T-shirt – ESD 113			max. 1,1.10 ¹¹
Representative: T-shirt – ESD 130			max. 1,2.10 ¹¹
Representative: Sweatshirt – ESD 205			max. 4,1.10 ⁹

¹⁾ requirement from ČSN EN 61340-5-1 ed. 2 Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements (Table 3 Requirements for EPA areas)

The Certificate has been issued based on the following document:

Test Report No. 412402883

The Certificate expires on 30. 11. 2015



Dipl. Ing. Pavel Vaněk
Head of Certification Body

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