

*Name and address of the certificate holder:*

Polska Grupa Tekstylna Sp. z o.o.  
ul. Zeusa 27  
01-497 Warszawa  
Poland

*Product name and description:*

Fabric WULKAN, dyed, flame retardant, raw material: 100 % cotton, surface mass: (330 ± 10) g/m<sup>2</sup>

*Documents underlying the conformity assessment process:*

**PN-EN ISO 13688:2013-12 [EN ISO 13688:2013] Protective clothing. General requirements** – in terms of:

- p. 4.2 Innocuousness
- p. 5.3 Dimensional change due to cleaning (5×6N/F)

**PN-EN ISO 11611:2015-11 [EN ISO 11611:2015] Protective clothing for use in welding and allied processes** – in terms of:

- p. 6.2 Tensile strength
- p. 6.3 Tear strength – class 1 and 2
- p. 6.6 Dimensional change of textile materials
- p. 6.7 Limited flame spread – A1 and A2
- p. 6.8. Impact of spatter – class 1
- p. 6.9 Heat transfer (radiation) – class 1
- p. 6.10 Electrical resistance

Pre-treatment of material:

- tested „as received”: p. 6.7,
- 5 wash/dry cycles (5×6N/F): p. 6.6,
- 50 wash/dry cycles (50×6N/F): p. 6.2, 6.3, 6.7, 6.8, 6.9, 6.10.

Pre-treatment according to PN-EN ISO 6330:2012 [EN ISO 6330:2012] Textiles – Domestic washing and drying procedures for textile testing; washing procedure 6N – temp. 60 °C, drying procedure F – tumble drying

**PN-EN ISO 11612:2015-11 [EN ISO 11612:2015] Protective clothing – Clothing to protect against heat and flame. Minimum performance requirements** – in terms of:

- p. 6.2.1 Heat resistance at a temperature (180 ± 5) °C
- p. 6.3 Limited flame spread – A1 and A2
- p. 6.4 Dimensional change of textile materials
- p. 6.5.1 Tensile strength
- p. 6.5.2 Tear strength
- p. 7.2 Convective heat – B1
- p. 7.3 Radiant heat – C1
- p. 7.5 Molten iron splash – E1
- p. 7.6 Contact heat – F1

Pre-treatment of material:

- tested „as received”: p. 6.3,
- 5 wash/dry cycles (5×6N/F): p. 6.4,
- 50 wash/dry cycles(50×6N/F): p. 6.2.1, 6.3, 6.5.1, 6.5.2, 7.2, 7.3, 7.5, 7.6

*Conformity assessment program:*

PRC-2-CERTEX OPJ – Type scheme 4 by PN-EN ISO/IEC 17067:2014-01

*Report on the assessment of conformity of the product:* R.ITT.29.36.10.2.685 of 31.08.2022

This certificate entitles to use only in relation to those products that meet the requirements of the documents, which were used to assess compliance and have the same characteristics as the models for testing. Rights and Responsibilities are set out in the Agreement No. U-10-2022 of 24.08.2022.

Edition I of: 31.08.2022  
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*A. Jakiel*  
Anna Jakiel  
CAB Manager

INSTITUTE OF TEXTILE TECHNOLOGIES

CERTEX Sp. z o.o.

CONFORMITY ASSESSMENT BODY

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