

## EU TYPE-EXAMINATION CERTIFICATE

We certify that the following personal protective equipment meets the essential health and safety requirements set out in the Regulation (EU) 2016/425 of the European Parliament and of the Council which apply to it.

### Certified personal protective equipment:

**Antistatic clothing to protect against heat, flame and liquid chemicals**

Parts: **jacket and waist trousers or jacket and bib trousers**

Identifiers:	jacket	<b>Dávid-lva-k-18-01</b>
	jacket with reflective strip	<b>Dávid-lva-k-fv-19-01</b>
	bib trousers	<b>Dávid-lva-mn-18-02</b>
	bib trousers with reflective strip	<b>Dávid-lva-mn-fv-19-02</b>
	waist trousers	<b>Dávid-lva-dn-18-03</b>
	waist trousers with reflective strip	<b>Dávid-lva-dn-fv-19-03</b>

Risk category according to Annex 1 to Regulation (EU) 2016/425: **III. Category**

### Applicant (manufacturer):

**SIRIUS PRODUKT Ltd.**

Address: H-1044 Budapest, Szilaspaták sor 42/b. 2. em. 13.

### Harmonised standards applied by the manufacturer:

The certified personal protective equipment meets the requirements of the following standards:

<b>MSZ EN ISO 13688:2013</b>	<i>Protective clothing. General requirements (ISO 13688:2013)</i>
<b>MSZ EN ISO 13688:2013/A1:2022</b>	<i>Protective clothing. General requirements Amendment 1 (ISO 13688:2013/Amd 1:2021)</i>
<b>MSZ EN 1149-5:2019</b>	<i>Protective clothing. Electrostatic properties. Part 5: Material performance and design requirements</i>
<b>MSZ EN 13034:2005+A1:2009</b>	<i>Protective clothing against liquid chemicals. Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment) Type: <b>PB [6]</b></i>

Classification according to MSZ EN 14325:2018:

Liquid repellency (H <sub>2</sub> SO <sub>4</sub> , 30% / NaOH, 10% / o-Xylene / Butan-1-ol):	<b>3 / 3 / 1 / 3</b>
Resistance to penetration by liquids (H <sub>2</sub> SO <sub>4</sub> , 30% / NaOH, 10% / o-Xylene / Butan-1-ol):	<b>3 / 3 / 1 / 2</b>
Abrasion resistance: <b>2</b>	Tear resistance: <b>3</b>
Puncture resistance: <b>2</b>	Tensile strength: <b>5</b>
	Seam strength: <b>4</b>

### Other standards applied by the manufacturer:

The certified personal protective equipment meets the requirements of the following standards:

<b>MSZ EN ISO 11612:2016</b>	<i>Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements (ISO 11612:2015) Performance levels: <b>A1+A2, B1, C1, E1, F1.</b></i>
<b>MSZ EN ISO 11611:2016</b>	<i>Protective clothing for use in welding and allied processes (ISO 11611:2015) Performance levels: <b>A1+A2, Class 1.</b></i>

**Notified body:**

**INNOVATEXT Textile Engineering and Testing Institute Co.**

Address: H-1103 Budapest, Gyömrői út 86.

Identification number: **1523**

**Annexes:**

**Description of the certified personal protective equipment**

**Certification Report** (number: **TJ-422-2023**, Date of issue: 6 September 2023)

The detailed results of the EU Type-Examination are contained in the Certification Report and test report(s) and/or certificate(s) referred to therein.

This EU type-examination Certificate shall only be used in conjunction with one of the conformity assessment procedures referred to in point (c) of Article 19 of Regulation (EU) 2016/425 of the European Parliament and of the Council.

This EU Type-Examination Certificate is valid until 6 September 2028.

Budapest, 7 September 2023



Dr. Livia Kokas Palicska  
CEO



**DESCRIPTION OF THE CERTIFIED PERSONAL PROTECTIVE EQUIPMENT**

(ANNEX to EU Type-Examination Certificate No. B-422/2023(E))

**Certified personal protective equipment:**

*Antistatic clothing to protect against heat, flame and liquid chemicals*

Parts: *jacket and waist trousers or jacket and bib trousers*

Identifiers:	jacket	<b>Dávid-lva-k-18-01</b>
	jacket with reflective strip	<b>Dávid-lva-k-fv-19-01</b>
	bib trousers	<b>Dávid-lva-mn-18-02</b>
	bib trousers with reflective strip	<b>Dávid-lva-mn-fv-19-02</b>
	waist trousers	<b>Dávid-lva-dn-18-03</b>
	waist trousers with reflective strip	<b>Dávid-lva-dn-fv-19-03</b>

**Applicant (manufacturer):**

**SIRIUS PRODUKT Ltd.**

Címe: H-1044 Budapest, Szilaspaták sor 42/b. 2. em. 13.

**Description of the protective equipment:**

***Jacket – Dávid-lva-k-18-01***

Upper-thigh-length jacket with lying collar, the mid-front is closed with covered snaps from the attachment of collar to the bottom line. A hanger loop from the base material inside mid-back is seamed in the line of the attachment of collar. The right and left mid-fronts are made with a facing cut in one together with the front. In the left mid-front, there is an underplate with snaps from the horizontal cutting-line of the shoulder to the stitching line of the bottom turn-up. Between the snaps, the strap is stitched to the front with a stitching line. The distance between the snaps is max. 15 cm. The right and left front is made with a separately cutted shoulder part. On the bust parts of the right and left front, there is a patch pocket with sloping corners, closing with one or two snaps hidden in the pocket cover, fixed with double stitches. The top of the double stitched pocket cover is seamed to the horizontal cutting line, the lower edges are oblique. The pocket covers are at least 1-1 cm wider than the pocket hole at each side and their sides may be stitched at the top by the lower corners. At the right and left front, under the sloped cutting line placed at the waistline, there is two patch pocket parallel to the cutting line, closing with one or two snaps hidden in the pocket cover, fixed with double stitches. The top of the double stitched pocket cover is seamed to the sloped cutting line. The pocket covers are at least 1-1 cm wider as the pocket hole at each side and their sides may be stitched at the top by the lower corners. The back is made with a separately cutted shoulder part. Below it on each side, there is a width pleat folded to the side seam; the top of the width pleat is seamed to the horizontal cutting line. The outer and inner pleat edges are stitched. Under the bottom part turn-up, the lower part of the width pleat is stitched to the pleat edges, while it is stitched sloped to the back above the stitching line of bottom part turn-up (at least 60 °). The bottom of the one-seamed sleeve is in the seaming line, made with hidden hemmed slit closing with covered slops inside and outside as well. The bottom part turn-up of the coat is double folded, wide (strap-like) stitched. The shoulder seam, the side seam, the sleeve pleat, the horizontal and sloped cutting lines are double stitched.

***Jacket with reflective strip – Dávid-lva-k-fv-19-01***

The design of the jacket is identical to that of the product Dávid-lva-k-18-01, with the following differences: Dávid-lva-k-fv-19-01 is a jacket with a 5 cm wide silver reflective strip on the back shoulder blade, chest and both sleeves.

### ***Bib trousers – Dávid-lva-mn-18-02***

Straight leg bib trousers made with hightened side. On the separately cutted bust part, lined with the basic material, there is a hidden patch pocket, closing with one or two snaps in the pocket cover, fixed with double stitches. The double stitched pocket cover is seamed in the bottom of the stitching line of the piping. The pocket covers are at least 1-1 cm wider than the pocket hole at each side. In the cover of the pocket flap there is a pocket hole of an other pocket, which closes with the zipper in the cutting line. One part of the buckles is fixed by the shoulder strap loops in the upper seaming line of the bust part lining and the bust part hemming band. The shoulder straps seamed to the back panel can be fixed to the strap loops with the other part of the buckles. The comfortable moving is ensured by the elastic ribbon in the back of the shoulder strap. On the front part, the covered slit is closing with buttons. At the right and left front, there is a patch pocket with sloping corners, which bottom part is reinforced (double layered). The pocket flap and the top of the pockets is seamed in the cutting line of the bust part, one side is seamed in the outer side seam. The pocket flaps cover the pocket hole with an overlapping of 2 cm. On the right and left side, the slit closes with hidden buttoning. The back parts and back legs are cut in one piece. On the back of the right leg at the outer side seam, there is tool pocket with sloping corners and the upper edges are oblique fixed with double stitching. One side of the pocket is seamed in the outer side seam. One side of the double stitched pocket flap paralel with upper edges is seamed in the side seam, the other is stitched on the back part of the leg. On the other side leg ont he outer side seams there is a side pocket with slanted flap and fixed with double stitching. The pocket flaps are at least 1 cm wider than the pocket on each side. The pocket flap is sloping at an angle of at least 45° to the inner side seam of the leg. At the branching, the inner side seam is made with gusset. The bottom of the legs are stitched with a double turn-up. The front and back-rise, the panel seamed on the back part, the inner side seam and the gusset are double stitched.

### ***Bib trousers with reflective strip – Dávid-lva-mn-fv-19-02***

The design of the bib trousers is identical to that of the product Dávid-lva-mn-18-02, with the following differences:

Dávid-lva-mn-fv-19-02 is a bib trousers with a 5 cm wide silver reflective strip on the lower part of each leg.

### ***Waist trousers – Dávid-lva-dn-18-03***

The front of the trousers is closed at the centre line of the covered slit and the waistband with buttons, max. 6.5 cm apart. Bottom of the five piece belt loop are stitched in the belt band seam line and the top part stitched on the belt band. Wideness of the trousers is andjustable with the elastic band wich laced back of the belt band. At the right and left front, there is a patch pocket with sloping corners, which bottom part is reinforced (double layered). The pocket flap and the top of the pockets is seamed in the belt band and the one side is seamed the outhter seamline. The pocket flaps cover the pocket hole with an overlapping of 2 cm. At the right rear leg at the thigh part, at the outer side seam there is a flap tool pocket with a sloping corners and a slanted opening, which closure a press button and is stitched with a double seam. The pocket one side is seamed in the outer side seam. The single seam stitches slanted pocket flap is seamed to the front and back of the trousers. The pocket flap is 1-1 cm wider than the pocket on each side. The pocket flap slopes at least 45° towards the outside side seam. The front and back rise and the inside side seam is stitched with double seam. The bottom of the legs are stitched with a double turn-up.

### ***Waist trousers with reflective strip – Dávid-lva-dn-fv-19-03***

The design of the waist trousers is identical to that of the product Dávid-lva-dn-18-03, with the following differences:

Dávid-lva-dn-fv-19-03 is a bib trousers with a 5 cm wide silver reflective strip on the lower part of each leg.

### **Pockets on protective trousers:**

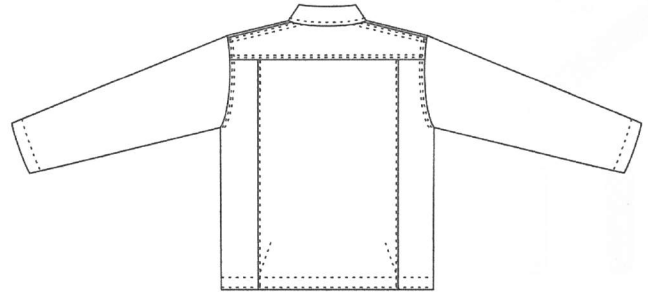
Tool pocket with a pocket flap and side pocket with a pocket flap can be placed on the legs of the bib and waist trousers.

### **Textile printing on protective suit:**

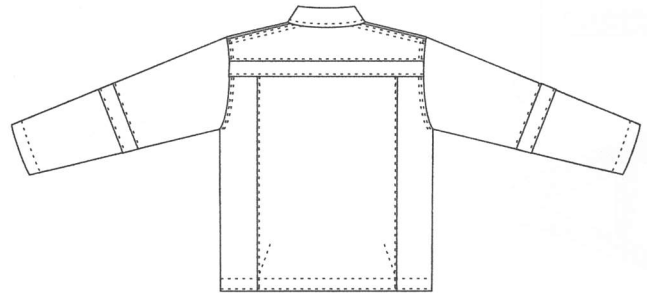
A logo can be printed on the protective suit with the same technology as the tested sample.

The drawing of the protective equipment:

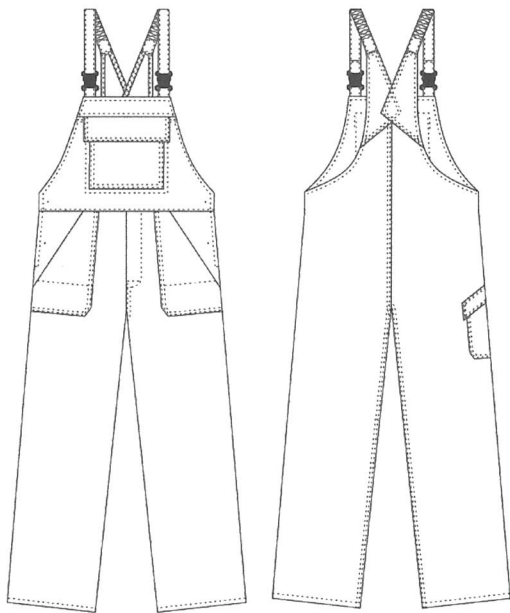
*Jacket*



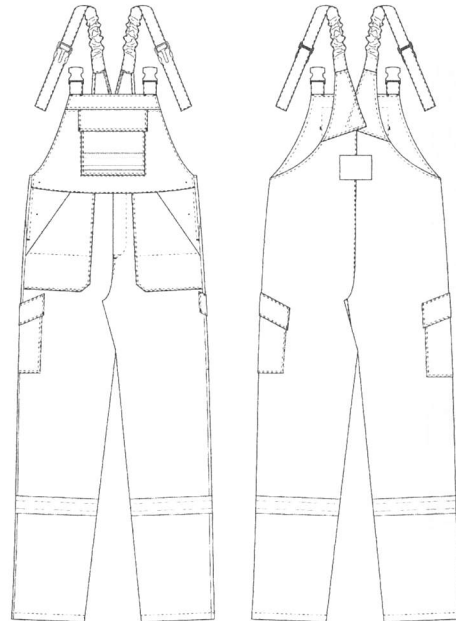
*Jacket with reflective strip*



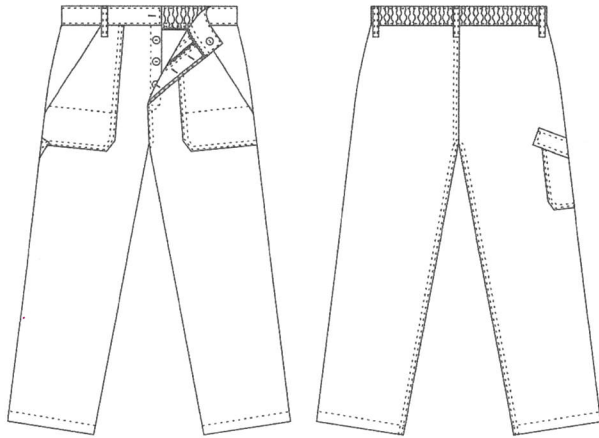
*Bib trousers*



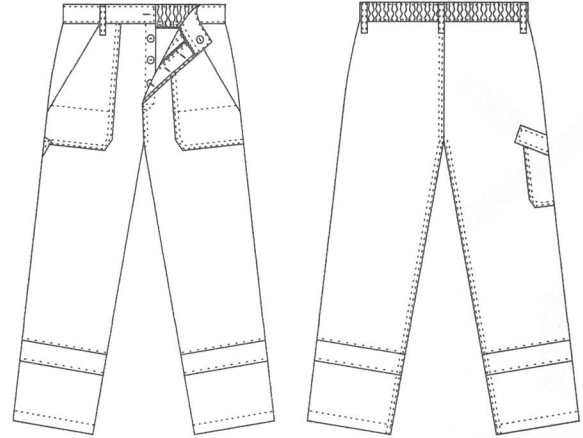
*Bib trousers with reflective strip*



**Waist trousers**



**Waist trousers with reflective strip**



**Marking of the protecting equipment:  
Marking label**

**SIRIUS PRODUKT Kft.**  
1044 Budapest, Szilaspatak sor 42/b. 2. em. 13.

**Antistatic clothing to protect against heat, flame and liquid chemicals**  
Parts: jacket + bib or brace trousers

Identifiers:

- jacket	Dávid-lva-k-18-01
- jacket with reflective strip	Dávid-lva-k-fv-19-01
- bib and brace trousers	Dávid-lva-mn-18-02
- bib trousers with reflective strip	Dávid-lva-mn-fv-19-02
- waist trousers	Dávid-lva-dn-18-03
- waist trousers with reflective strip	Dávid-lva-dn-fv-19-03

Raw material composition: **87% cotton, 12% polyamide, 1% antistatic fibre**

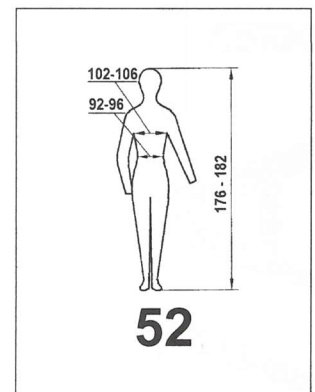
 <b>EN ISO 11612:2015</b> A1+A2 B1 C1 E1 F1	 <b>EN ISO 11611:2015</b> 1-es osztály, A1+A2
 <b>EN 1149-5:2018</b>	 <b>EN 13034:2005+A1:2009</b> PB [6] type

**CE1523**

max. 5x  
 max. 50x (in case of regular impregnation) See the Information sheet!

Date of manufacturing (year, month): ..... **Cat. III.**

**Sizing label**



**Main material used for protective equipment:**

Woven fabric for protective clothing (flame retardant, antistatic, liquid repellent)

Distributor: Polish Textile Group Ltd.

Name: KEON

Raw material composition: 87% cotton, 12% polyamide, 1% antistatic fibre

Budapest, 7 September 2023

Dr. Lívia Kokas Palicska  
 CEO