

**EU TYPE-EXAMINATION CERTIFICATE**

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

**Certified personal protective equipment:**

***Antistatic, padded jacket to protect against heat, flame and liquid chemicals***

Identifiers: ***Dávid-MR-bk-19-04/1*** (with removable sleeves)  
***Dávid-MR-bk-19-04/2*** (with elastic band in the waist)  
***Dávid-MR-bk-19-04/3*** (with hood)  
***Dávid-MR-bk-19-04/4*** (with extended back)

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

**Applicant (manufacturer):**

***SIRIUS PRODUKT Ltd.***

Address: 1044 Budapest, Szilaspatlak sor 42/b. 2. em. 13.

**Harmonised standards applied by the manufacturer:**

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

***MSZ EN 13034:2005+A1:2009*** *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: ***PB [6]***

Classification according to MSZ EN 14325:2004:

Liquid repellency:

(H<sub>2</sub>SO<sub>4</sub>, 30% / NaOH, 10% / o-Xylene / Butan-1-ol / HCl, 37% / HNO<sub>3</sub>, 65%) ***3 / 3 / 1 / 1 / 3 / 2***

Resistance to penetration by liquids:

(H<sub>2</sub>SO<sub>4</sub>, 30% / NaOH, 10% / o-Xylene / Butan-1-ol / HCL, 37% / HNO<sub>3</sub>, 65%) ***3 / 3 / 2 / 2 / 3 / 3***

Abrasion resistance: ***4***

Tear resistance: ***3***

Tensile strength: ***5***

Puncture resistance: ***2***

Seam strength: ***4***

***MSZ EN 1149-5:2019***

*Protective clothing. Electrostatic properties.*

*Part 5: Material performance and design requirements*

***MSZ EN ISO 13688:2013***

*Protective clothing. General requirements  
(ISO 13688:2013)*

## Other standards applied by the manufacturer:

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

**MSZ EN ISO 11611:2016** *Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements (ISO 11611:2015)*  
Performance levels: **A1+A2, Class 1.**

**MSZ EN ISO 11612:2016** *Protective clothing for use in welding and allied processes (ISO 11612:2015)*  
Performance levels: **A1+A2, B1, C1, E2, F1.**

The certified personal protective equipment only meets the specified standards when worn with a pair of protective trousers or, in the case of the detachable sleeve version (Dávid-MR-bk-19-04/1), a protective jacket with a level of protection not lower than its own.

## 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* (No.: **TJ-131-2019**, Date of issue: 02.12.2019.)

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 2 December 2024.

Budapest, 3 December 2019

  
Dr. Livia Kokas Palicska  
CEO

## **DESCRIPTION OF THE CERTIFIED PERSONAL PROTECTIVE EQUIPMENT**

[ANNEX to EU type - examination Certificate No. B-084/2019(E)]

### **Certified personal protective equipment:**

***Antistatic, padded jacket to protect against heat, flame and liquid chemicals***

Identifiers: ***Dávid-MR-bk-19-04/1*** (with removable sleeves)  
***Dávid-MR-bk-19-04/2*** (with elastic band in the waist)  
***Dávid-MR-bk-19-04/3*** (with hood)  
***Dávid-MR-bk-19-04/4*** (with extended back)

### **Applicant (manufacturer):**

***SIRIUS PRODUKT Ltd.***

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

### **Description of the protective equipment:**

#### ***Dávid-MR-bk-19-04/1 (with removable sleeves):***

Upper-thigh-length lined jacket with normal collar. The forepart is closed by zipper and hidden press-studs from the collar seam to the hip line. A hanger loop made from the basic material is sewn inside the back panel in the stitching line of the lined collar. Shoulder seam is single seam.

Right and left front panels are made of three parts. One patch pocket with flap is sewn by double seam on the breast part of both the right and the left front panel. Pocket openings are closed by hidden rip-and-stick fastener.

Flaps are sewn by single seam and are fixed in the double seamed horizontal cut line. One patch pocket with flap is sewn by double seam on both the right and the left front panel, under the waistline. Pocket openings are closed by hidden rip-and-stick fastener. Flaps are sewn by single seam and fixed to the double seamed horizontal cut line. Sides of the upper and lower flaps are sewn on the front panels and are 1 cm wider than the pockets on each side.

Patch pocket with slantwise corners is sewn on by single seam inside the left front panel at breast height.

The back panel is cut in one piece.

Sleeves are fastened in the armhole by hidden zipper. The bottom width of the one-piece sleeves can be set by elastic band drawn in the sleeve band. Sleeve band is stitched on its central line.

Inner binding ribbon is sewn to the lining of the stitched bottom of the jacket.

***Dávid-MR-bk-19-04/2 (with elastic band in the waist):***

Hip-length lined jacket with stand-up collar. Centre of the front panel is closed by zipper which extends from the upper edge of the collar to the bottom of the jacket as well as by rip-and-stick fasteners placed on the separately cut unlined covering band. A hanger loop made from the basic material is sewn inside the back panel in the central line, fastened in the stitching line of the lined collar.

Both the right and the left front panel are made from two pieces. Patch pocket with flap is placed by double seam on each of the right and left front panel. Flaps are sewn by single seam and have inclined corners and closed by one hidden press-stud on each. They are 1 cm wider than the pocket on each side and are fastened in the double seam of the horizontal stitching line.

Single-hemmed pocket with inclined opening is placed on both the right and the left front panel, under the waist line; their opening is closed by hidden press-stud. Inset pocket made from the basic material is placed at breast height inside the left front panel. Pocket opening is closed by zipper. The back panel is cut in one piece.

The bottom width of the one-piece sleeves can be set by elastic band drawn in the channel made in the turning-up edge. Bottom band of the jacket is cut separately. Elastic band is used for setting the width of the bottom band which extends from the right front panel through the back panel to the left front panel. The elastic band is pulled in the bottom band and placed in the middle of the back, extending 15 cm from the central line in each direction. The elastic part is stitched continuously in the lengthwise central line of the band.

***Dávid-MR-bk-19-04/3 (with hood):***

Upper-thigh-length lined jacket with stand-up collar. Centre of the front panel is closed by zipper which extends from the upper edge of the collar to the bottom of the jacket as well as by press-studs placed on the separately cut lined covering band. A hanger loop made from the basic material is sewn inside the back panel in the central line, fastened in the stitching line of the lined collar.

The detachable hood is made from three parts and can be fastened by press-studs under the neckline. When detaching the press-studs are covered by a band that is made from the basic material and fastened by rip-and-stick fastener. Width of the hood can be set by a band made from the basic material and pulled in the channel prepared for this purpose.

Front and back shoulder panels are made in one piece. Both the right and left front panels are made from three parts. Light reflecting stripes are sewn under the shoulder cut lines. Upper edge of these stripes is fastened in the double seam of the cut line, while its one end is fastened in the seam of the sleeve.

One patch pocket with flap is sewn by double seam on both the breast part of the right and the left front panel. Flaps are made with single seams, are placed in the cut line, have inclined corners and closed by one press-stud. Corners of the pocket panels near to the side line are inclined. Pocket panel on the right front panel is divided into two parts using a single seam. The part toward the front centre is formed with width plate.

One patch pocket with flap is sewn by double seam under the waistline on both the right and the left front panel. Flaps are made with single seams and fastened in the horizontal double-stitched cut line. Flaps are double-cut. The outer pocket panel has inclined opening and covered by a flap with hidden press-stud clothing.

Sides of the upper and lower flaps are sewn on the front panels and they are 1 cm wider than the pockets on each side. Waist width can be set by a band made from the basic material. This band is pulled in the channel sewn in the inner side. Both ends of the band are pulled out in buttonholes formed in the lining.

A patch pocket is inside the left front panel in breast height, sewn by single seam. Light reflecting stripe is on the back panel, fastened in the shoulder line. Its bottom edge is sewn by single seam, the ends are fastened in the sleeve line. Bottom of the sleeve and the jacket is stitched and has an inner binding ribbon sewn to the lining. is stitched and has an inner binding ribbon sewn to the lining.

***Dávid-MR-bk-19-04/4 (with extended back):***

Hip-length lined jacket with stand-up collar. Centre of the front panel is closed by zipper which extends from the upper edge of the collar to the bottom of the jacket as well as by hidden press-studs placed on the separately cut unlined covering band. A hanger loop made from the basic material and sewn inside the back panel in the central line, fastened in the stitching line of the collar.

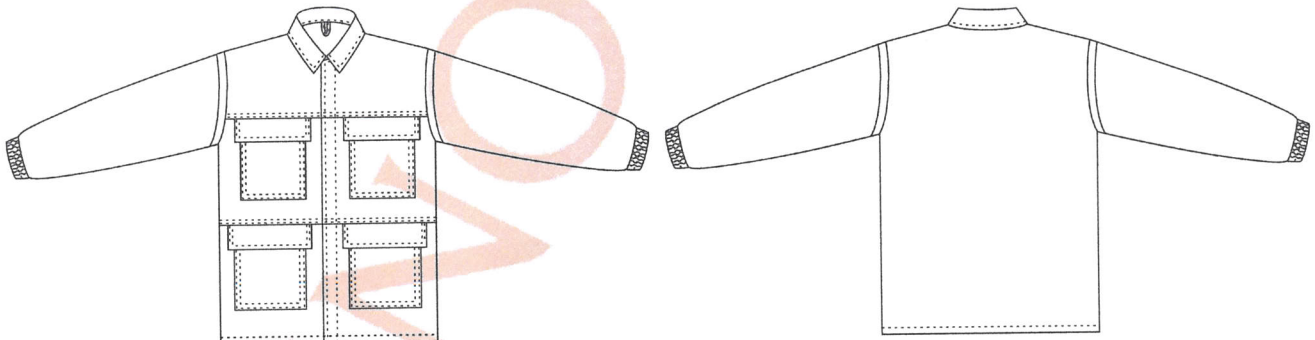
Both the right and the left front panel are made from two pieces. Patch pocket with flap is placed on each of the right and left front panel. Flaps are sewn by single seam and closed by one hidden press-stud on each. They are 1 cm wider than the pocket on each side. Inclined pocket, made from the basic material, is placed at breast height inside the left front panel.

Single-hemmed pocket with inclined opening is placed on both the right and the left front panel, under the waist line, closed by hidden press-stud. The back panel is cut in one piece, extended on the bottom. The bottom width of the one-piece sleeves can be set by elastic band drawn in the channel made in the turning-up edge.

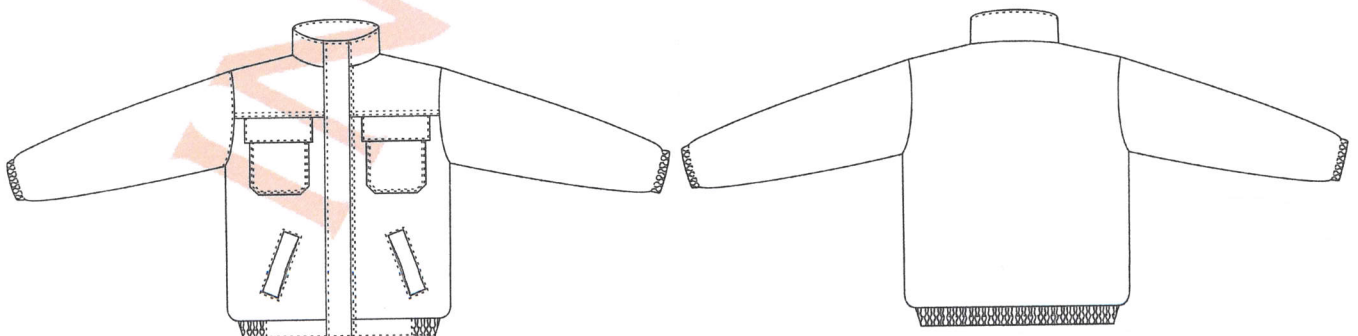
Bottom band of the jacket is cut separately. Elastic band is used for setting the width of the bottom band. The elastic band is pulled in the bottom band and placed at both sides of the front, extending 15 cm from the central line in each direction.

**The drawing of the certified PPE:**

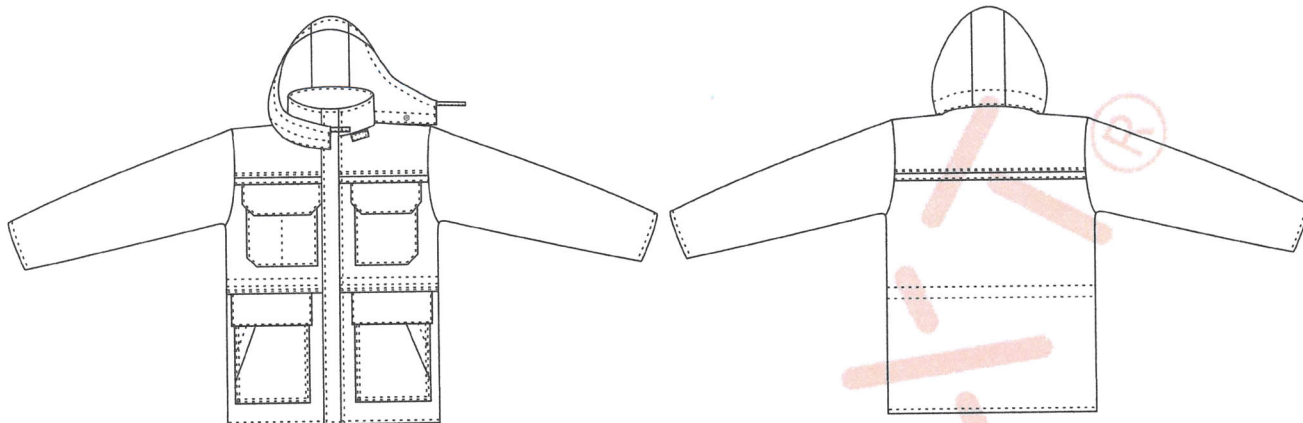
***Dávid-MR-bk-19-04/1 (with removable sleeves):***



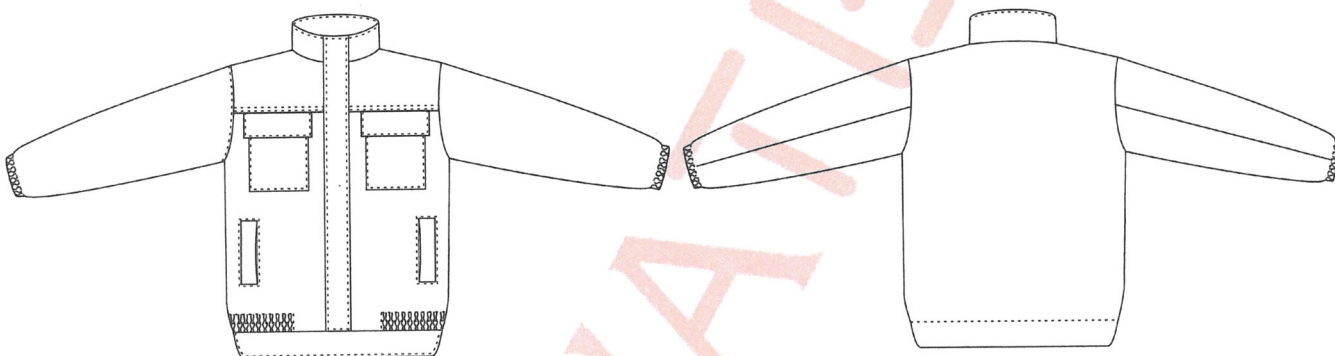
***Dávid-MR-bk-19-04/2 (with elastic band in the waist):***



Member of the HOHENSTEIN Group  
Dávid-MR-bk-19-04/3 (with hood):



Dávid-MR-bk-19-04/4 (with extended back):



## Main materials used for certified PPE:

Outer material (woven fabric):

Manufacturer: SIRIUS PRODUKT Ltd.

Designation: Dávid MR

Composition: 35% modacrylic, 25% viscose (Lenzing FR),  
25% Pyron, 13% aramid (Twaron),  
2% antistatic fibre (carbon)

Area mass: 275 g/m<sup>2</sup>

Innermost material (woven fabric):

Manufacturer: Polska Grupa Tekstylna Sp. Z o.o.

Designation: SPARK

Composition: 100% cotton

Area mass: 170 g/m<sup>2</sup>

Intermediate material (non - woven fabric):

Manufacturer: TEXTURA Kereskedelmi Kft.

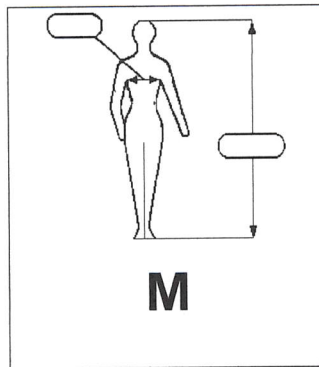
Designation: VLIA0000

Composition: 100% polyester

Area mass: 170 g/m<sup>2</sup>

**Marking of the protective clothing:**

**Sizing label (example):**



**Marking label:**


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


**Antistatic, padded jacket to protect against heat, flame and liquid chemicals**

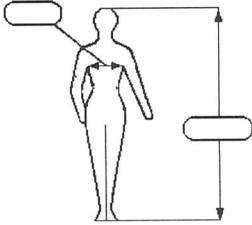
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**Dávid-MR-bk-19-04/4 (with extended back)**


Raw material composition:


- outer material: **35% modacrylic, 25% viscose (FR), 25% Pyron, 13% aramid, 2% antistatic fibre**
- innermost material: **100% cotton**
- intermediate material: **100% polyester**

  
**EN ISO 11612:2015**  
**A1+A2 B1 C1 E2 F1**






  
**EN 1149-5:2018**




  
**EN ISO 11611:2015**  
**A1+A2, Class 1**

  
**EN 13034:2005+A1:2009**  
**PB [6] type**

**Used over another PPE or with protective trousers!**  
(See the information sheet!)

  
**CE 1523**

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

Date of manufacturing (month, year):

Budapest, 3 December 2019

  
**Dr. Livia Kokas Palicska**  
 CEO