

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, liquid chemicals and the thermal hazards of an electric arc

Parts and identifiers: - jacket: **Dávid-MR-RS-k-21-01**
 - trousers: **Dávid-MR-RS-dn-21-02**
 - bib and brace trousers: **Dávid-MR-RS-mn-21-03**

Applicant (manufacturer):

SIRIUS PRODUKT Ltd.

Address: H-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 ISO 13688:2013 *Protective clothing. General requirements (ISO 13688:2013)*
MSZ EN 1149-5:2019 *Protective clothing. Electrostatic properties. Part 5: Material performance and design requirements*
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: 6*

Classification according to MSZ EN 14325:2004:

Liquid repellency:
 (H₂SO₄, 30% / NaOH, 10% / o-Xilol / Butan-1-ol / HCL, 36% / HNO₃, 65%) **3 / 3 / 2 / 2 / 3 / 3**
Liquid penetration:
 (H₂SO₄, 30% / NaOH, 10% / o-Xilol / Butan-1-ol / HCL, 36% / HNO₃, 65%) **3 / 3 / 2 / 1 / 3 / 2**
 Abrasion resistance: **3** Tear resistance: **2** Tensile strength: **4**
 Puncture resistance: **2** Seam strength: **5**
The personal protective equipment (type 6) passed the whole suit test (mist test).

Other standards applied by the manufacturer:

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

MSZ EN ISO 11612:2016 *Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements (ISO 11612:2015); Performance levels: **A1+A2, B1, C1, E1, F1.***
MSZ EN ISO 13506-1:2018 *Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin*
ISO 13506-2:2017 *Protective clothing against heat and flame – Part 2: Skin burn injury prediction – Calculation requirements and test cases*
MSZ EN ISO 11611:2016 *Protective clothing for use in welding and allied processes (ISO 11611:2015); Performance levels: **Class 1, A1+A2***
MSZ EN 61482-1-2:2015 *Live working. Protective clothing against the thermal hazards of an electric arc. Part 1-2: Test methods. Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test) (IEC 61482-1-2:2014); Performance level: **Class 2***

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

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-442-2021**, date of issue: 10 January 2022.)

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 16 January 2027.

Budapest, 17 January 2022



Dr. Livia Kokas Palicska
CEO

DESCRIPTION OF THE CERTIFIED PERSONAL PROTECTIVE EQUIPMENT

[ANNEX to EU Type-Examination Certificate No. B-442/2021(E)]

Certified personal protective equipment:

Antistatic clothing to protect against heat, flame, liquid chemicals and the thermal hazards of an electric arc

Parts and identifiers:

- jacket: **Dávid-MR-RS-k-21-01**
- trousers: **Dávid-MR-RS-dn-21-02**
- bib and brace trousers: **Dávid-MR-RS-mn-21-03**

Applicant (manufacturer):

SIRIUS PRODUKT Ltd.

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

Description of the protective equipment:

Jacket:

Upper-thigh-length jacket with stand collar, the mid-front is closed with covered snaps and zipper from the attachment of collar to the bottom line. The distance between the snaps is max. 15 cm. A hanger loop made from the base material is seamed inside the mid-back in the line of the attachment of the collar.

The right and left front are made of separately cut shoulder parts. 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 loop stitches. The pocket covers are seamed to the horizontal cutting line. They are at least 1-1 cm wider than the pocket hole at each sides and their sides are fixed with stitches on the top.

The back is cut in one piece.

The bottom of the two-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 is made from separately cut part with elastic band seamed on both sides.

Trousers:

Straight leg trousers made with waistband.

On the front part, the covered slit is closing with a zipper and with a hidden button placed on the inner side of the waistband. At the right and left front, there is a covered patch pocket with sloping corners seamed with double stitches. The top of the pocket covers are seamed in the cutting line of the waistband, one side is seamed in the outer side seam. The pocket cover is at least 1-1 cm wider than the pocket hole at each side.

The back legs are cut in one piece. In the back side of the waistband an elastic band ensures the proper size. There are 5 belt pants fixed around the waistband: 2 pieces on the front side, 3 pieces on the back side.

The bottom of the legs are stitched with a double turn-up. The front and the back mid part, furthermore the legs inner sides are double seamed.

Bib and brace trousers:

Straight leg bib trousers made with heightened waist.

On the separately cutted bust part a patch pocket, closing with one or two snaps in the pocket cover, fixed loop stitches. The pocket cover is at least 1-1 cm wider than the pocket hole at each side.

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 band in the back of the shoulder straps.

On the front part, the covered slit is closing with zipper. On the right side, the slit closes with hidden buttons.

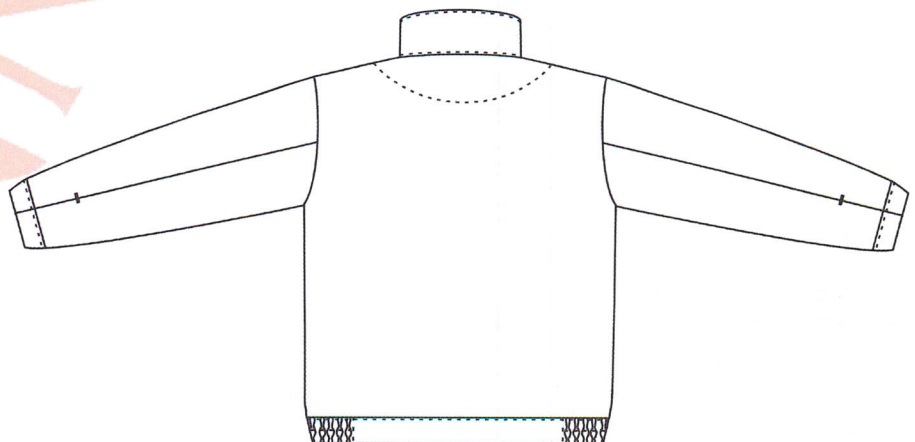
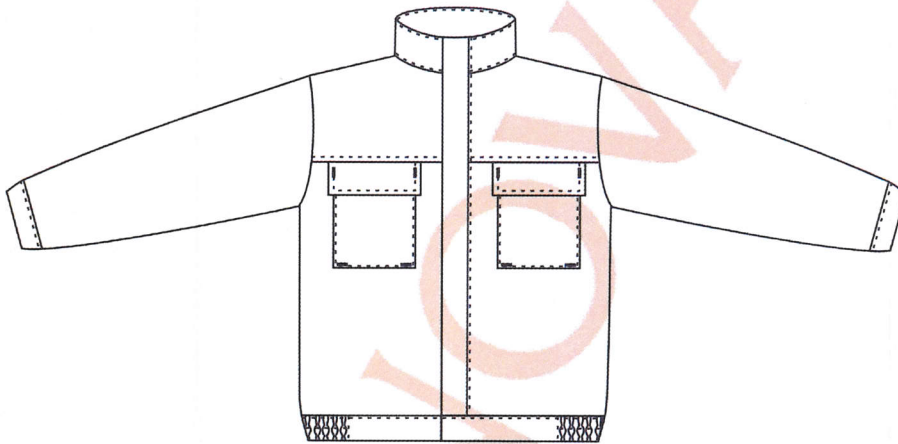
At the right and left front, there is a patch pocket with sloping corners. The top of the pockets are seamed in the cutting line of the bust part, one side is seamed in the outer side seam.

The back part and back legs are cut in one piece. A panel for an elastic band is stitched on the inner side of the back waist. The elastic band ensures the proper size of the waist and it can be fixed with a button.

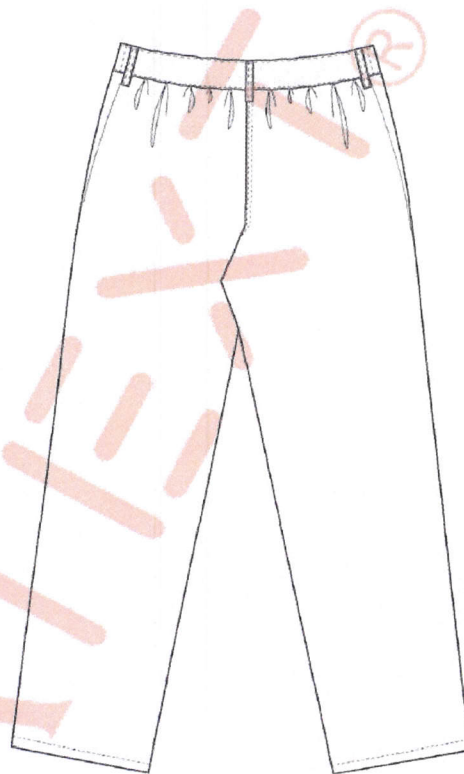
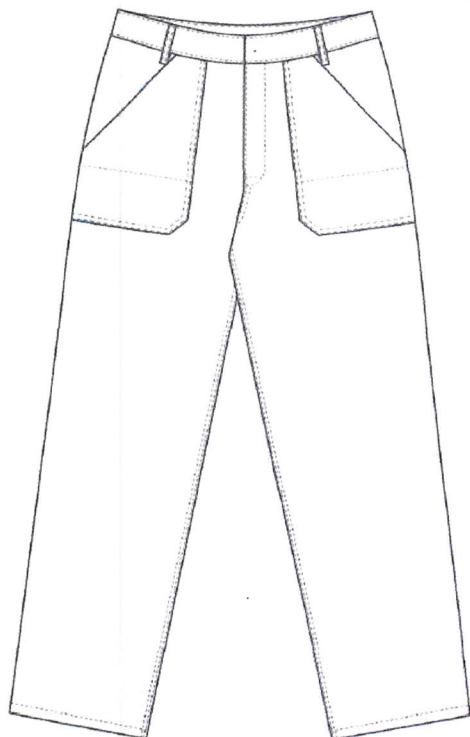
The bottom of the legs are stitched with a double turn-up.

The drawings of the protective equipment:

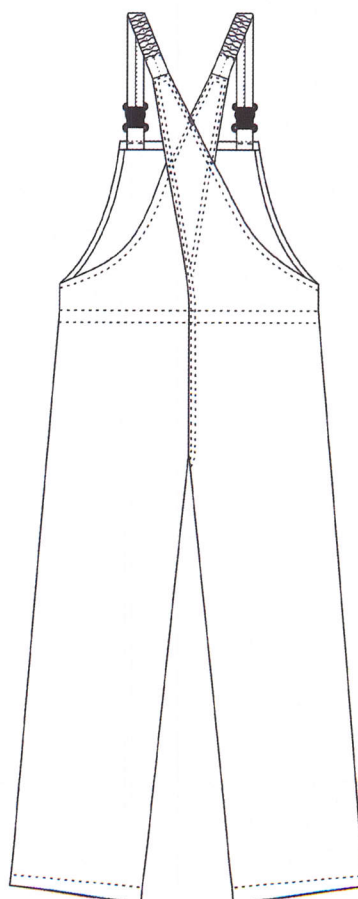
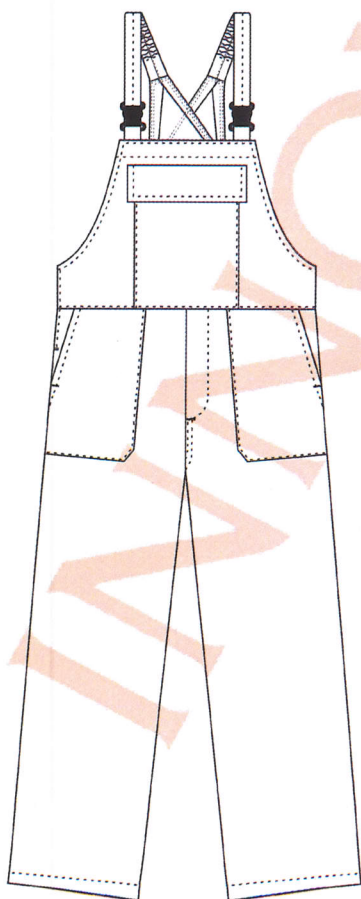
Jacket:



Trousers:

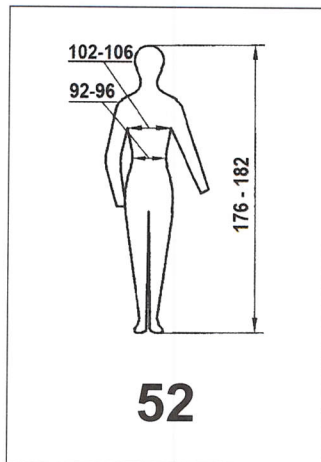


Bib and brace trousers:



Marking label:

Sizing label (example):







Marking label:

SIRIUS PRODUKT Kft.
 H-1044 Budapest, Szilaspaták sor 42/b. 2. em. 13.


Antistatic clothing to protect against heat, flame, liquid chemicals and the thermal hazards of an electric arc






Parts and identifiers:
 - jacket: **Dávid-MR-RS-k-21-01**
 - trousers: **Dávid-MR-RS-dn-21-02**
 - bib and brace trousers: **Dávid-MR-RS-mn-21-03**

Raw material composition:
35% modacrylic, 25% viscose (FR), 25% Pyron, 13% aramid, 2% antistatic fibre

 EN 13034:2005+A1:2009 Type 6	 EN 1149-5:2018
 EN ISO 11612:2015 A1+A2, B1, C1, E1, F1	 EN ISO 11611:2015 Class 1, A1+A2

Examination of complete clothing and prediction of skin burns EN ISO 13506-1:2018 ISO 13506-2:2017	Protection against the thermal hazards of an electric arc EN 61482-1-2:2014 Class 2
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max. 100x
See the information sheet!

Date of the manufacturing (year, month):

Main material used for protective equipment:

Antistatic fabric to protect against heat, flame, liquid chemicals and the thermal hazards of an electric arc

Producer: SIRIUS PRODUKT Kft.
 Name: Dávid MR RS
 Raw material composition: 35% modacrylic, 25% viscose (Lenzing FR), 25% Pyron, 13% aramid (Twaron), 2% antistatic fibre (carbon)
 Weave: Reinforced plain weave (ripstop)

Budapest, 17 January 2022


Dr. Livia Kokas Palicska
 CEO