

CERTIFICATE

INNOVATEXT Textile Engineering and Testing Institute Co.

(Address: H-1103 Budapest, Gyömrői út 86.)

certifies that the product of

SIRIUS PRODUKT Ltd.

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

100x washed and dried

meets the following requirements.

Certified product:

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

Name: **Dávid MR RS**
 Mass per unit area: 220 g/m²
 Raw material composition: 35% modacrylic, 25% viscose (Lenzing FR), 25% Pyron, 13% aramid (Twaron), 2% antistatic fibre (carbon)
 Weave: Reinforced plain weave (ripstop)

Requirements:

MSZ EN ISO 13688:2013 *Protective clothing. General requirements (ISO 13688:2013) [Clause 4.2 and 5.3]*

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) [Clause 4.1 in addition to clause 4.4, 4.7, 4.9, 4.10, 4.12 and 4.13 of MSZ EN 14325:2004]*

Performance levels (regularly impregnated after 5 washes):

Abrasion resistance:	3	Tear resistance:	2
Tensile strength:	4	Puncture resistance:	2

Liquid repellency:	(H ₂ SO ₄ , 30%)	3	(NaOH, 10%)	3
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	(o-Xylen)	2	(Butan-1-ol)	2
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	(HCl, 36%)	3	(HNO ₃ , 65%)	3
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Penetration by liquids:	(H ₂ SO ₄ , 30%)	3	(NaOH, 10%)	3
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	(o-Xylen)	2	(Butan-1-ol)	1
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	(HCl, 37%)	3	(HNO ₃ , 65%)	2
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MSZ EN ISO 11612:2016 *Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements (ISO 11612:2015) [Clause 6.2.1, 6.3.2, 6.3.3, 6.4, 6.5.1, 6.5.2, 7.2, 7.3, 7.5. and 7.6]*

Performance levels: **A1+A2, B1, C1, E1, F1.**

MSZ EN ISO 11611:2016 *Protective clothing for use in welding and allied processes (ISO 11611:2015) [Clause 6.2, 6.3, 6.6, 6.7.2, 6.7.3, 6.8., 6.9 and 6.10]*

Performance levels: **Class 1, A1+A2.**

MSZ EN 1149-5:2019 *Protective clothing. Electrostatic properties.*

Part 5: Material performance and design requirements [Clause 4.2.1]

MSZ EN 61482-1-2:2015 *Live working. Protective clothing against the thermal hazards of an electric arc. Performance level: **Class: 2.***

Test results and test conditions are contained Summary report [No.: SR-25(E)] referred to therein.

Budapest, 17 January 2022

Dr. Lívia Kokas Páliscska
CEO