

SellCon FS UG
(haftungsbeschr.)
Rieslingstr. 47
65207 Wiesbaden



EN ISO 13688:2013

EN ISO 11612:2015

EN 61482-1-2: 2014



A1, B1, C1



APC 2 (7kA)

ArcFit Bala2

This product has been tested in accordance with the requirements of Regulation (EU) 2016/425 for basic use, in accordance with the standard EN ISO 13688:2013 (Protective clothing - general requirements), EN ISO 11612:2015 (Protective clothing to protect against heat and flames) and EN 61482-1-2:2014 and EN 61482-1-1 (protective clothing against the dangers of an electric arc), resulting from the certificate n° 20/2390/00/0161 of AITEX, Plaza Emilio Sala n° 1, Alcoi, Spain, inspection body 0161.

Instructions for use:

- ❖ Suitable for commercial activities in which the user is exposed to the following risks:
 - brief contact with a small flame
 - convective heat with a max. value of 80 kW/m²
 - radiant heat sources with a max. value of 20 kW/m²
 - electric arcs of the APC2 (7 kA)
- ❖ Before use, a risk analysis must be carried out and the appropriate PPE selected based on the results.
- ❖ In the event of an accidental splash of flammable liquid chemicals or liquids on the protective clothing while it is being worn, remove it immediately and carefully. It is important to ensure that no part of the skin comes into contact with the chemical or liquid. The protective clothing must be cleaned without leaving any residue or may no longer be used.
- ❖ To protect the other parts of the body, especially the face, it may be necessary to use additional protective equipment (gloves, visor, goggles, etc.).
- ❖ To achieve performance levels, protective clothing must be worn correctly on the head, snug fitting and with the face opening forward.
- ❖ The environmental and workplace conditions must be considered and taken into account.
- ❖ Deviations from the parameters of the quoted standards can occur under extreme conditions.

Instructions against improper use:

- ❖ The thermal protection can decrease if the protective clothing is exposed to a cleaning process.
- ❖ This PPE must not be used in the presence of risks other than those listed above.
- ❖ Improper maintenance of the PPE can alter its performance levels.
- ❖ Soiled protective clothing can reduce the protective effect.
- ❖ Do not remove protective clothing while in the area of explosive or flammable gases or while handling explosive or flammable substances.
- ❖ An increased oxygen content in the air can significantly reduce the flame retardancy of the protective clothing.
- ❖ The electrical conductivity of the protective clothing can increase when it is damp, dirty or sweaty.
- ❖ This protective clothing does NOT protect the face, torso, arms, legs and feet.
- ❖ This protective clothing must NOT be worn with other clothing underneath that is not flame retardant and melt resistant.
- ❖ Damages must NOT be repaired by the user. A loose thread or other part that can ignite or melt reactivation can be very dangerous in the event of an explosion or flash fire.

ATTENTION: The protective clothing must be worn together with other PPE that protects the rest of the body from the same hazards and with at least the same performance levels as the ArcFit Bala2.

Additional test: The fabric protects against an electric arc (arc accident) of APC2 (7 kA) according to EN 61482-1-2:2014 and has an ATPV of 29 cal/cm² according to EN 61482-1-1:2019.

Washing instructions:



Max. 50 cycles

- ❖ Max. washing temp. 40°C
- ❖ Do not bleach
- ❖ Max. ironing temp. 150°C
- ❖ Dry cleaning is possible
- ❖ Tumble dry at low temp.

Storage: Store the protective clothing away from direct sunlight, dry and away from aggressive substances

Packaging: Poly bag.

Size: Uni

The useful life of the protective clothing is 2 years.
 Year of production: 2022

Performance levels as per EN ISO 11612:2015:

Flaming of material and seams: A1,

No afterburn.
 No hole formation.
 No dripping.
 Afterglow time ≤ 2 s.
 Afterburn time ≤ 2 s.

Additional test of the fabric in an arc flash of 7 kA (APC2) as per EN 61482-1-2:2014 and an ATPV of 29 cal/cm² as per EN 61482-1-1:2019

Convective heat: B1

Performance level	Value intervals HTI ²⁴	
	Min.	Max.
B1	4	< 10
B2	10	< 20
B3	≥ 20	

Radiant heat: C1

Performance level	Mean time reached RHTI ²⁴	
	Min.	Max.
C1	7	< 20
C2	20	< 50
C3	50	< 95
C4	≥ 95	

Liquid aluminium splashes: Not tested

Performance level	Amount of Aluminium (g)	
	Min.	Max.
D1	100	< 200
D2	200	< 350
D3	≥ 350	

Liquid iron splashes: Not tested

Performance level	Amount of Iron (g)	
	Min.	Max.
E1	60	< 120
E2	120	< 200
E3	≥ 200	

Contact heat: Not tested

Performance level	Temperature threshold (s)	
	Min.	Max.
F1	5	< 10
F2	10	< 150
F3	≥ 15	