



STS Directory

Accreditation number: STS 0049

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

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Initial accreditation: 17.01.1994
Current accreditation: 14.01.2024 to 13.01.2029
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 14.01.2024

Testing laboratory for tests on fabrics for protective clothing for firefighters, industrial workers and technical textiles

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Fabrics for protective clothing for emergency response (firefighters) and industrial segments	Determination of maximum force and elongation at maximum force using the strip method	ISO 13934-1
	Determination of tear force of trouser-shaped test specimen (single tear method)	ISO 13937-2
	Determination of resistance to surface wetting (Spray test)	ISO 4920
	Protection against liquid chemicals – Test method for resistance of materials to penetration by liquids	ISO 6530
	Domestic washing and drying procedures for textile testing	ISO 6330



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Fabrics for protective clothing for emergency response (firefighters) and industrial segments	Determination of dimensional change in washing and drying	ISO 5077/ISO 3759
	Determination of fabric propensity to surface pilling, fuzzing or matting – Part 2: Modified Martindale method	ISO 12945-2
	Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown	ISO 12947-2
	Method of test for limited flame spread	ISO 15025
	Determination of heat transmission on exposure to flame	ISO 9151
	Evaluation of materials and material assemblies when exposed to a source of radiant heat	ISO 6942, Method A and B
	Determination of residual strength of material when exposed to radiant heat	ISO 6942, Method A/ISO 13934-1
	Determination of heat transmission on exposure to both flame and radiant heat	ISO 17492 modified according to NFPA 1971 (clause 8.10)
	Determination of contact heat transmission through clothing or constituent materials – Part 1: contact heat produced by heating cylinder	ISO 12127-1
	Protective gloves against mechanical risks – 6.1 (Abrasion), 6.2 (blade cut resistance (index)), 6.3 (cut TDM)	EN 388+A1/ISO 23388
Mechanical properties – Determination of resistance to cutting by sharp objects	ISO 13997	

1) Scope of accreditation type A (fix)

2) Scope of accreditation type B (flexible)

3) Scope of accreditation type C (flexible)

Definition of flexibility see SAS Document 741



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Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Fabrics for protective clothing for emergency response (firefighters) and industrial segments	Protective clothing against the thermal hazards of an electric arc – Part 1-1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc - Method A: Material open arc test procedure «DuPont™ Arc-Man® Panel and Manikin test»	IEC 61482-1-1, Method A
Protective clothing for emergency response (firefighters) and industrial segments	Protective clothing against the thermal hazards of an electric arc – Part 1-1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc – Method B: Garment open arc test procedure «DuPont™ Arc-Man® Panel and Manikin test»	IEC 61482-1-1, Method B
	Protective clothing against heat and flame – Part 1: test method for complete garments – Measurement of transferred energy using an instrumented manikin – Part 2: skin burn injury prediction – Calculation requirements and test cases «DuPont™ Thermo-Man® test»	ISO 13506-1/ISO 13506-2

In case of contradictions in the language versions of the directories, the French version shall apply.

Abbreviation	Signification
ATPV	Arc Thermal Performance Value
EBT	Breakopen Threshold Energy

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