

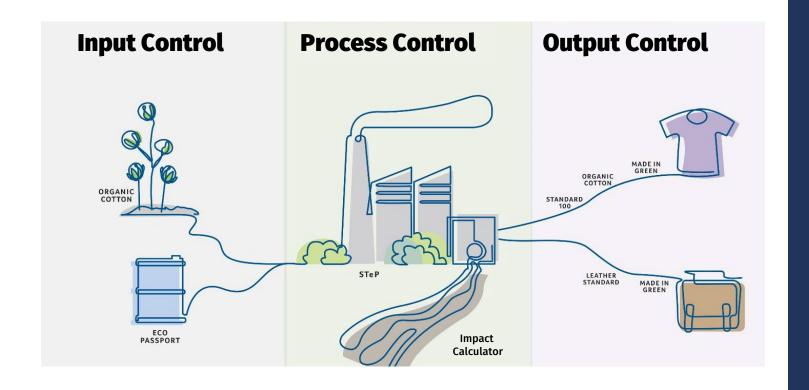




Worldwide Consistency & Integrity

All laboratories accredited to ISO 17025

OEKO-TEX® SystemIndependently verified certifications



1st textile product standard to certify consumer protection

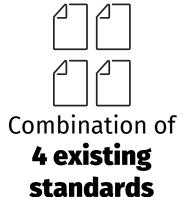
17 member institutes specializing in textiles/leather

35,000+ companies working with OEKO-TEX®

Continuous implementation of **global regulations**

Driven by **sustainability** & grounded in **science**

Active Now





Existing certifications

must be updated



Includes **restricted substance** list
requirements



Optional communication around **PFAS**

NFPA

1970

Standard on

Protective Ensembles for Structural and Proximity Firefighting, Work Apparel, Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, and Personal Alert Safety Systems (PASS)

2025

Includes NFPA 1971 | NFPA 1975 | NFPA 1981 | NFPA 1982



Approach to RSL Criteria in NFPA 1970

- NFPA Technical Committee based on OEKO-TEX® & AFIRM RSLs
- Compiled list with criteria/methods
- Only "recognized components" can be used in finished items





Chemical Class or Group	Restricted Substance(s)	Maximum Level
Flame retardants	Each individual substance in Table 3	10 mg/kg
	Sum of all chemicals in Table 3	50 mg/kg
	Antimony	30.0 mg/kg
Heavy metals, extractable	Arsenic	1.0 mg/kg
	Barium	1000 mg/kg
	Cadmium	0.1 mg/kg
	Chromium	2.0 mg/kg
	Chromium VI	0.5 mg/kg
	Cobalt	4.0 mg/kg
	Copper	50.0 mg/kg
	Lead	1.0 mg/kg
	Mercury	0.02 mg/kg
	Nickel	4.0 mg/kg
	Selenium	100 mg/kg
Perfluorinated and polyfluorinated alkyl substances (PFAS)	Styrene	0.005 mg/m
	Vinyl chloride	0.002 mg/m
	Total fluorine content [includes non-PFAS]	Report
	Sum of C7-C14 PFCA-related substances	260 µg/kg
	Sum of PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE	1 µg/m ²
	Each and sum of PEHpA, PFNA, PFDA, PEUdA, PEDpA, PETUDA, PETEDA and further perfluorinated carboxylic acids in Table 4	25 µg/kg
	Sum of perfluorinated sulfonic acids in Table 4	250 ug/kg
	Each partially fluorinated carboxylic/sulfonic acid in Table 4	250 µg/kg
	Sum of partially fluorinated linear alcohols in Table 4	250 ug/kg
	Sum of esters of fluorinated alcohols with acrylic acid in Table 4	250 µg/kg
	Sum of PFOA and salts	25 µg/kg
	Sum of PFOA-related substances	250 µg/kg
	2-Benzotriazo1-2-y1-4,6-di-tert-butylpheno1 (UV 320)	1000 mg/kg
	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV	
	327)	1000 mg/kg
	2-(2H-Benzotriazo1-2-y1)-4,6-di-tert-penthylphenol (UV 328)	1000 mg/kg
	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec- <u>hutyl)phenol</u> (UV 350)	1000 mg/kg

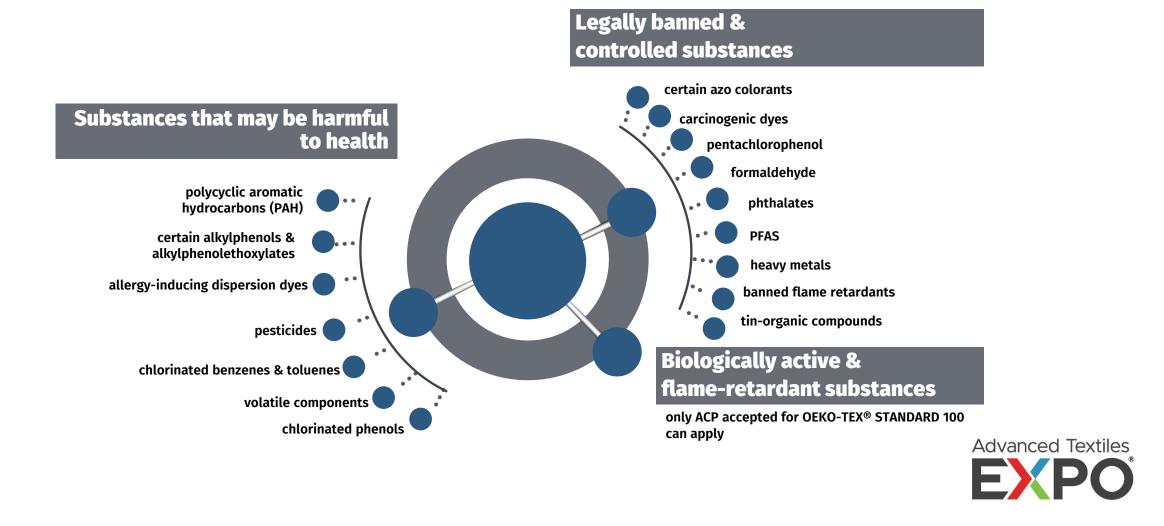
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Perfluorooctane sulfonic acid and sulfonates	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide	754-91-6	PFOSA
Perfluorooctane sulfonfluoride	307-35-7	PFOSF/POSF
N-Methyl perfluorooctane sulfonamide	31506-32-8	N-Me-FOSA
N-Ethyl perfluorooctane sulfonamide	4151-50-2	N-Et-FOSA
N-Methyl <u>perfluorooctane</u> sulfonamide ethanol	24448-09-7	N-Me-FOSE
N-Ethyl perfluorooctane sulfonamide ethanol	1691-99-2	N-Et-FOSE
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PEHPA
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts	335-76-2, et. al.	PFDA
Henicosafluoroundecanoic acid and salts	2058-94-8, et. al.	PEUda
Tricosafluorododecanoic acid and	307-55-1, et. al.	PEDOA
Pentacosafluorotridecanoic acid and salts	72629-94-8, et. al.	PETrDA
Heptacosafluorotetradecanoic acid and salts	376-06-7, et. al.	<u>PFTeDA</u>
Further perfluorinated carboxylic acids	1	
Perfluorobutanoic acid and salts	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts	2706-90-3, et. al.	PEPeA
Perfluorohexanoic acid and salts	307-24-4, et. al.	PEHXA
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
Perfluoringted carboxylic and sulfonic acids under observation		

- Requirements "fixed" at 2024 levels
- Specified materials and components must go through separate testing
- Allowed to use "attestation" organization that provides certificate indicating compliance with NFPA 1970

RSL Requirements in NFPA 1970



OEKO-TEX® Test CriteriaGlobally Harmonized Chemical Management



Chemical TestingRequirements for Textiles



Limits

Apply at material/component level



Documentation

Test report + verification of compliance



Validity

Duration of 2025 edition
- Recertification can use the same test reports



New Testing Required

Material changes require new testing



Lab

Must be independent & ISO 17025 accredited

NFPA 1970

Edition: 2025

Update certificates by **September 2025**

Compliance Options

Hohenstein Services for NFPA 1970 Certificate Holders

OEKO-TEX® STANDARD 100 Certification

- Qualified Certificates: Any issued after April 1, 2024 (including PPE supplement)
- Turnaround: 4-6 weeks (New certificates +renewals)





RSL Testing

- Test Package: NFPA 1970-specific
- Turnaround: 7–10 days





Identify the Best Approach Consider Specific Product Needs & Supplier Certifications



Next Steps for OEKO-TEX® STANDARD 100 Certificate Holders



Prepare list of product/material codes relevant to your NFPA 1970 certificate



Request the NFPA 1970 cover letter...



At Renewal:

- Respond "yes" to question 5 in 2025 application
- Include NFPA 1970 product list
- Optional: add product numbers to certificate scope



Between Renewals:

Email NFPA 1970 product list

+ relevant STANDARD 100 certificate(s)



To also change certificate scope, include <u>Declaration of Conformity</u> with updated scope

NFPA 1970 Cover Letter

Accompanies OEKO-TEX® STANDARD 100 certificate & test report.



Certificate

Certificate Number:

This Certificate provides a summary of results for the product described below, which has been tested by Hohenstein and found to be in compliance with the indicated test procedure.

This Certificate shall only be considered valid when accompanied by the referenced Test Report in full.

applicant/Supplier:

Tested Material(s)/Model(s):

Standard(s)/Test

NFPA 1970-2025 Section 8.21 Acceptable Levels of Restricted Substances in Sperified Protective Flement Recognized Components.

NFPA 1970-2025 Section 9.10.1 Tests for Acceptable Levels of Specific Restricted Substances.

Test Result(s):

Material model

style

meets the performance requirements specified in NFPA 1970-2025 Section 8.21 as evaluated in accordance with NFPA 1970-2025 Section 9:10.1 Tests for Acceptable Levels of Specific Restricted Substances.

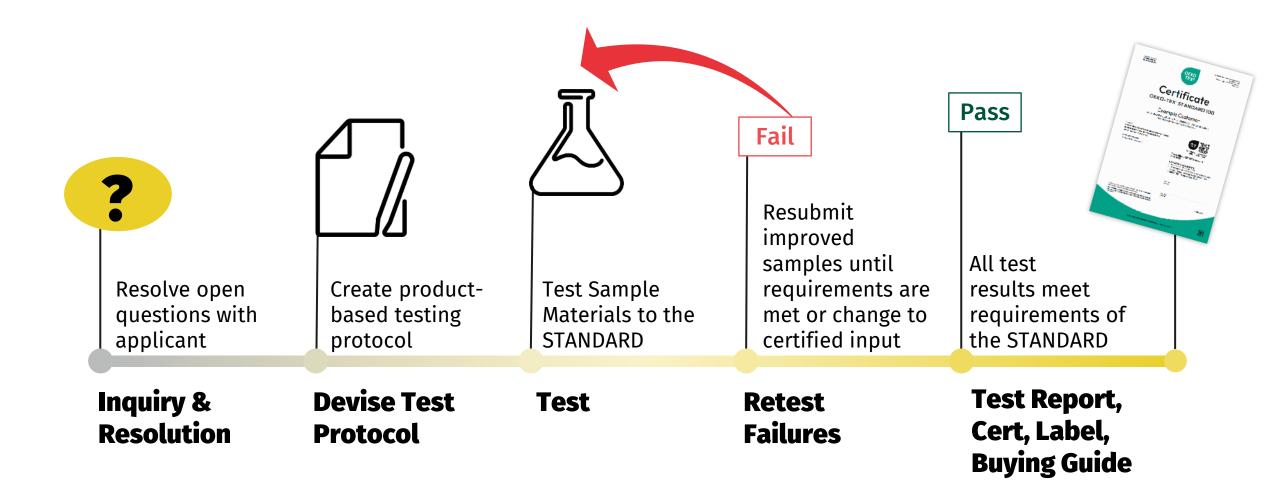
Test results are included in the associated Test Report.

Test Report Number:

Authorized Signature or company stamp



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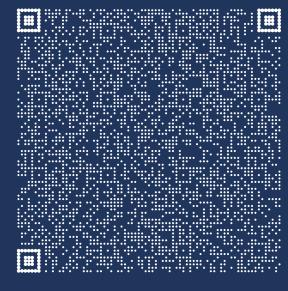
Certification ProcessOEKO-TEX® STANDARD 100



Questions?

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SCAN FOR CONTACT DETAILS



Hohenstein.US/NFPA







JOIN US NEXT YEAR