FACTSHEET
PFAS TESTING SOLUTIONS

OETI
PFAS TESTED

- **Different PFAS tests and suites for either regulatory compliance, risk mitigation, and future-proofing**
- **Confirms claims that PFAS is rigorously tested**
- **New and most advanced solution for PFAS detection, developed in-house: “Non-Targeted PFAS Analysis” to identify new or unregulated PFAS**
- **Tested by an international, independent testing and certification institute.**

What are PFAS?

PFAS (per- and polyfluoroalkyl substances) are a large group of more than 10,000 man-made chemicals.

PFAS are commonly found in textiles, leather, food packaging, cookware, firefighting foams, coatings, and many other consumer and industrial products, where they are used for their water-, oil-, and stain-repellent properties.

They are extremely persistent in both the environment and the human body and not readily biodigradable, which is why they are often referred to as “forever chemicals”.

Due to their persistence and potential negative health impacts, many regions worldwide have already introduced restrictions or are developing ban lists for certain PFAS substances.

These regulations vary in scope and timelines, but all aim to reduce exposure and encourage the use of safer alternatives.

To ensure compliance and protect consumers, it is strongly recommended that products are tested comprehensively for PFAS content.

COMPETENCE CREATES CONFIDENCE

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What are the testing methods of the PFAS Testing Solutions?

Three complementary PFAS testing methods are offered, each addressing a different analytical and regulatory question.

Test Method	Purpose	Quantification	Use Cases
Total Fluorine (TF) Organic fluorine detection, EN 17813:2023, C-IC (Combustion Ion Chromatography)	PFAS indication	Yes ppm-level Regulatory limits	Initial overview Supporting information for brands & suppliers
Targeted PFAS Hydrolysis analysis, EN 17681-1:2025, LC-MS/MS (Liquid Chromatography – Tandem Mass Spectrometry)	Compliance of regulated PFAS	Yes ppb-level Regulatory limits	Regulatory compliance Brand requirements
Non-Targeted PFAS Analysis, LC-HRMS (Liquid Chromatography - High-Resolution Mass Spectrometry)	Detection of 10'000+ known & unknown PFAS in database	Semi-quantification	Risk assessment Trace contamination Supplier transparency

Note: Total Fluorine (TF) (EN 17813:2023) & Targeted Hydrolysis PFAS (EN 17681-1:2025) are part of OEKO-TEX® certificates testing methods.

How are our Testing Solutions structured and who are they intended for?

We offer a selection of suites designed to meet customer needs.

Tests / Suites	Includes	Best for	Target Group
Individual PFAS Test Method	PFAS test method of your choice	Specific technical questions, customer- or audit-driven requests, follow-up testing	All customer groups, especially export-focused manufacturers, for specific, question-driven testing needs
PFAS Regulatory Suite	Total Fluorine Targeted PFAS	Regulatory compliance and market access under defined PFAS requirements	Regulation-driven global brands and export-focused manufacturers selling into regulated markets (EU, Denmark, France, Switzerland, US & Canada)
PFAS 360° Safety Suite	Total Fluorine Targeted PFAS Non-Targeted PFAS	Risk mitigation, transparency, and future-proofing beyond current regulations	Reputation- and sustainability-driven global brands managing complex supply chains

Hinweis: Gesamtfluor (TF) (EN 17813:2023) und Targeted PFAS (EN 17681-1:2025) sind Teil der OEKO-TEX®-Zertifizierungsprüfungen.

What can be tested?

- Chemical formulations (e.g. paints, glues, adhesives, coatings, inks, detergents)
- Textiles and fabrics (e.g. cotton, wool, polyester, polyamide)
- Leather materials
- Polymeric materials (e.g. PA, PAN, PET, PP)
- Cellulose-based materials (e.g. cardboard, paper)
- Rubbers and elastomers (e.g. SBR, EPDM)
- Foams (e.g. polyurethane foams)
- Food contact and consumer products (e.g. coated materials, packaging films, paper-based containers)

What cannot be tested?

- Aqueous samples (e.g. wastewater or other water samples)
- Environmental samples (e.g. soil, sediment, surface water)
- Food matrices

What are the requirements for test samples?

- Textile / Test Samples: At least 50 g, individually packaged in PFAS-free PE or PP plastic foil.
- Chemicals: At least 50 g, individually packaged in leak-free, PFAS-free PE or PP containers.
- Do not use glass (PFAS sticks to glass) or containers with Teflon-lined caps (contamination risk).

What test reports are provided for the different methods?

For each method an individual test report will be provided.
Total Fluorine Report: shows the level of Total Fluorine (TF) by C-IC in the tested sample.
Targeted PFAS Report: lists regulated PFAS and indicates compliance with applicable legal (or OEKO-TEX®) limits.
Non-targeted PFAS Report: lists all detected PFAS compounds. In addition, semi-quantitative results provide reference points for the PFAS concentrations.

What is the turnaround time for testing and reporting?

The testing and reporting process typically takes up to 20 business days from receipt of the samples at OETI.

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