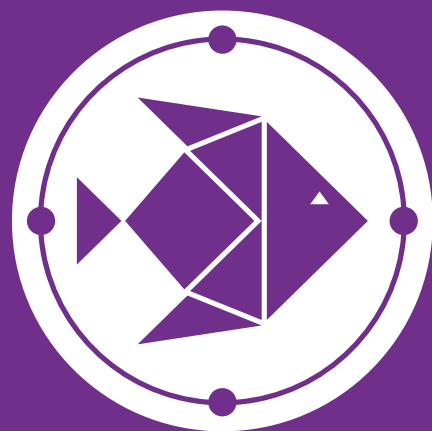




flustix
PFAS-FREE

THE flustix

PFAS-FREE TRUSTMARK

Independent third-party certification providing substantiated PFAS verification, regulatory confidence and credible product communication.

OUR PARTNERS



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MAKING SUSTAINABILITY VISIBLE

The flustix Trustmark Portfolio

Sustainability does not end with good intentions. It begins with substantiated evidence. Sustainability becomes a competitive advantage when it is measurable, independently verifiable and credibly communicated.

For many years, flustix has supported companies in documenting environmental performance in a transparent manner and communicating it credibly and in compliance with applicable requirements. Through independent certification, flustix strengthens

corporate compliance and builds trust among customers, retailers and authorities.

flustix continuously develops its certification schemes in line with international regulatory developments and market requirements.

Independent evidence helps companies communicate environmental performance effectively in the market and meet regulatory requirements with confidence.

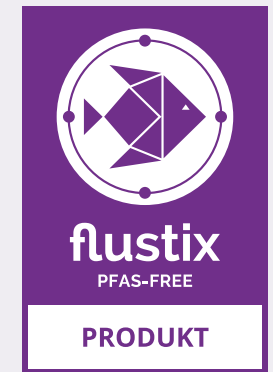


flustix certifications provide companies with independent evidence in the areas of plastic-free, microplastic-free product content, recycled content, packaging recyclability and PFAS-free products. They support transparent and evidence-based sustainability communication that significantly influences purchasing decisions in both B2B and B2C markets.

INTRODUCTION

PFAS-FREE

Independent third-party certification for substantiated PFAS verification, regulatory confidence and credible product communication.



Per- and polyfluoroalkyl substances, known as PFAS, are receiving increasing regulatory attention worldwide. At the same time, retailers, industry, authorities and consumers are demanding reliable evidence that materials, products and packaging are PFAS-free.

Particularly in complex international supply chains, the flustix PFAS-FREE certification system enables product-specific assessment without requiring full access to all chemical information from upstream suppliers.

The programme combines accredited analytical testing with third-party conformity assessment, enabling companies to communicate the PFAS-free status of their products credibly and effectively in global markets.

At the same time, the certification scheme helps companies prepare early for increasing regulatory requirements, reduce risks and create competitive advantages through credible, substantiated product communication.

Compliance enables market access. Independent certification builds trust.

flustix PFAS-FREE Certification Scheme

The certification scheme has been developed by an international panel of experts based on current regulatory developments and market requirements. The flustix PFAS-FREE certification requirements go beyond existing legal requirements.

Assessment is based on independent laboratory analysis carried out by recognised testing laboratories. The results form the basis for an independent conformity assessment and the issuance of the flustix PFAS-FREE certificate by an accredited certification body.

Thanks to its modular structure, the certification is suitable for raw materials, components, finished products and packaging throughout the entire value chain.

What can be certified?

- Packaging
- Textiles
- Raw Materials
- Components
- Coatings
- Cosmetics
- Personal Care Products
- Cleaning Products
- Consumer Products
- Fire Extinguishing Agents
- Other Suitable Product Groups



Key Features

- ✓ Independent third-party certification
- ✓ Accredited laboratory testing
- ✓ Multi-year certificate validity
- ✓ Compliant and effective sustainability communication
- ✓ Internationally applicable certification scheme
- ✓ International scalability through the flustix sublicenses

THE FLUSTIX TRUSTMARK FAMILY

The PFAS-FREE Trustmarks

PFAS-FREE Total Product

When both the product or product content and the retail packaging are PFAS-FREE. Supports companies in demonstrating compliance with REACH and PPWR while enabling substantiated Green Claims communication under EmpCo.

Suitable for:

Packaged consumer goods, consumer products, complete products



PFAS-FREE Packaging

For packaging and packaging materials with independently verified PFAS-free status. Supports companies in meeting PPWR requirements and communicating product claims transparently.

Suitable for:

Paper and board packaging, films, pouches, primary, secondary and transport packaging



PFAS-FREE Product

For solid products, materials and components with independently verified PFAS-free status. Supports REACH-related evidence and substantiated Green Claims communication under EmpCo.

Suitable for:

Consumer products, textiles, components, semi-finished products, raw materials



PFAS-FREE Product Content

For liquid, paste, gel and powder formulations with independently verified PFAS-free status. Particularly suitable for REACH-relevant product categories and transparent product communication.

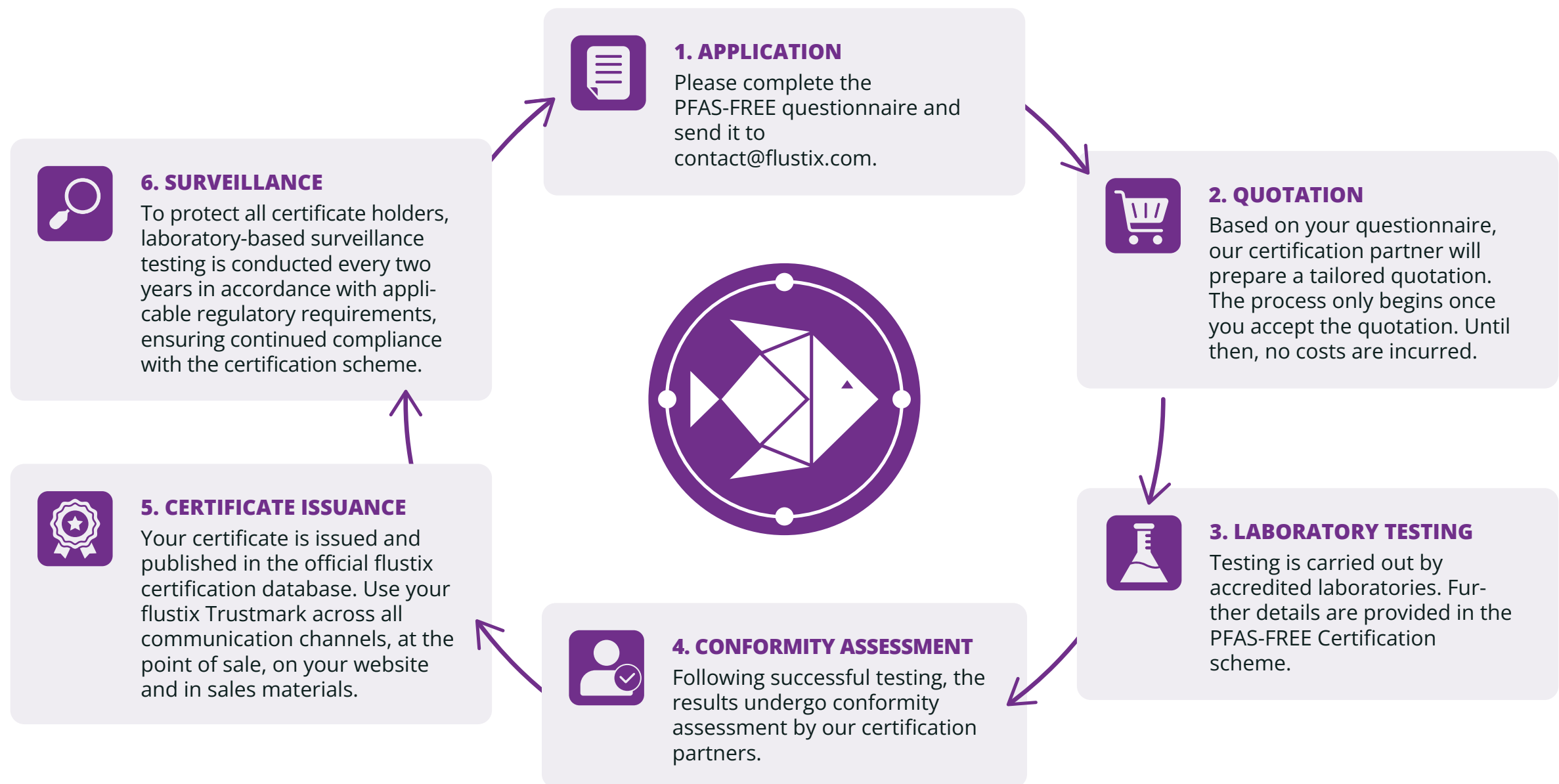
Suitable for:

Cosmetics, personal care products, detergents, food and food supplements, paints, coatings, adhesives and other formulations



PROCEDURE

Certification Process



COMPLIANCE COMPARISON

More Than Compliance

Meet regulatory requirements. Build trust. Gain a competitive advantage.

ASPECT	REGULATORY COMPLIANCE	flustix PFAS-FREE
Evidence	✓ Full supply chain documentation required	✓ Accredited laboratory testing
Assessment	✓ Open outcome	✓ Recognised third-party conformity assessment
Continuity	✓ Maximum annual administrative effort	✓ Multi-year validity
Scope	✓ National focus	✓ Internationally applicable certification
Communication	✓ Not permitted	✓ Credible, independently verified and effective product communication
Market Impact	✓ Evidence only	✓ Market impact and trust through informed purchasing decisions



Even in complex international supply chains, independent laboratory testing provides substantiated product verification without requiring full access to the chemical information of upstream suppliers.

MARKET ADVANTAGE

PFAS-FREE as a Competitive Advantage More Than Compliance: Compliant Communication

Regulatory requirements for PFAS are becoming increasingly stringent. At the same time, retailers, brand owners and authorities are demanding substantiated product evidence.

With flustix PFAS-FREE, companies do more than meet regulatory requirements. The certification scheme already goes beyond current European and national requirements, helping businesses prepare for future regulatory developments.

Under the EmpCo Directive, independent evidence is becoming essential. Companies wishing to communicate PFAS-FREE claims credibly need substantiated verification.

The flustix PFAS-FREE Trustmark is based on accredited laboratory testing and independent third-party conformity assessment. Together, they provide the foundation for transparent and effective communication at the point of sale.

Regulatory Developments at a Glance

- REACH
- PPWR
- EmpCo
- National PFAS Restrictions
- Increasing Customer Requirements

As highlighted by a recent **EFSA and BfR study on microplastics**, consumers expect clear and credible guidance when substances of concern are not visible. The flustix PFAS-FREE Trustmark builds trust, strengthens purchasing confidence and positively influences buying decisions.



The certification scheme requirements take product group, material and intended application into account and go beyond existing regulatory requirements.

THE FLUSTIX SUB-LICENSE SYSTEM

One Certification Unlimited Market Communication

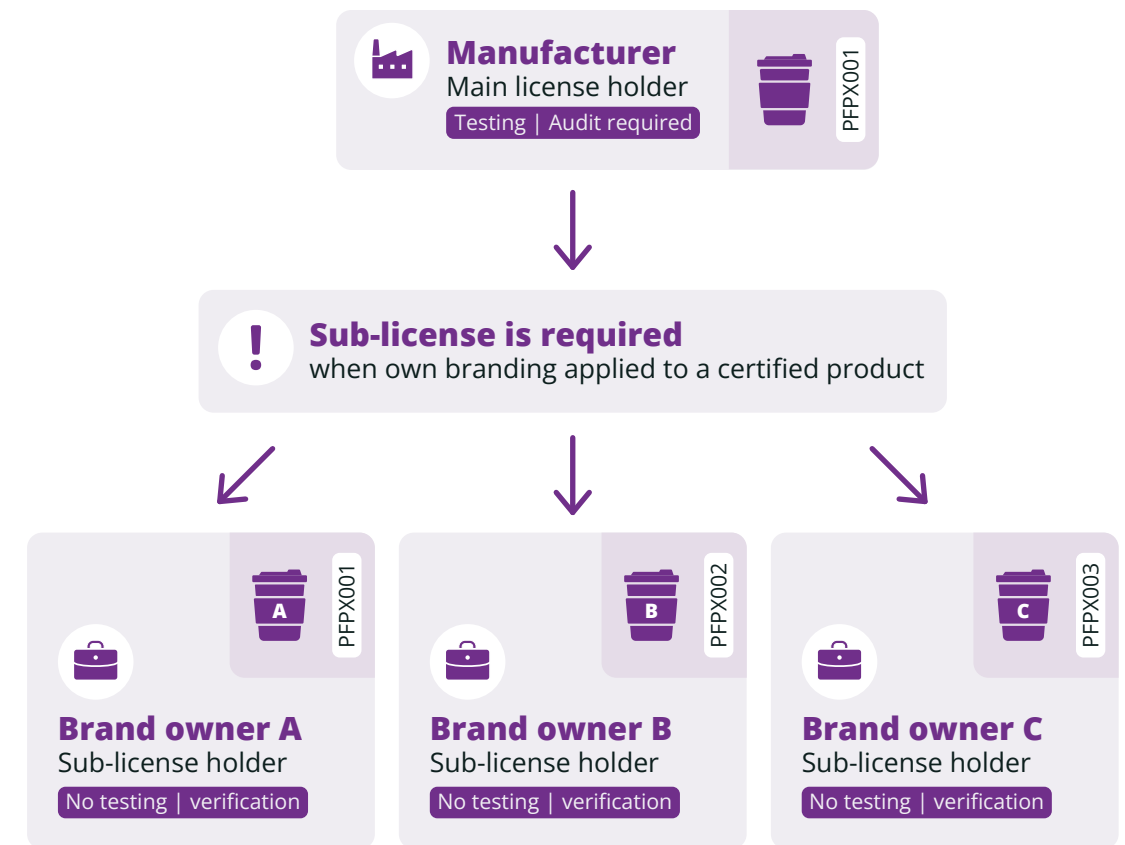
Scale substantiated PFAS-FREE claims across your entire supply chain.

Certification is only the beginning. The flustix sub-license system transforms a single certification into a scalable infrastructure for credible market communication. Independently substantiated PFAS-FREE claims can be transferred across international supply chains without requiring additional laboratory testing.

Why Companies Choose the flustix Sub-License System

- Seamless transfer of substantiated PFAS-FREE claims to downstream customers
- Avoid duplicate certifications and unnecessary costs
- Support compliance and protect supply chains
- Enable fast and flexible market introduction of substantiated PFAS-FREE claims for additional brands and retailers

THE flustix SUB-LICENSE SYSTEM



RECOGNITION

flustix is recognized by politics, NGOs and consumer protection.



Only the Blue Angel and flustix integrate additional requirements for the verification and limitation of various pollutants, and thus create transparency.

UMWELTBUNDESAMT (FEDERAL ENVIRONMENT AGENCY)

in Publication: "Kleine Kniffe"



The EU cites flustix as a "good practice":
The label is an educational support for empowering consumers in their daily shopping decisions.

EUROPEAN UNION

European Circular Economy Stakeholder Platform



The consumer advice center classifies the flustix trust-mark as reputable.

FRANKFURTER ALLGEMEINE ZEITUNG (NEWSPAPER)

from 05/10/2019, No. 231, P.20



flustix was the natural choice to partner with on the development of Starbucks' new home-compostable and widely recyclable cup in Europe — not only because of their strong reputation in plastic reduction and transparency, but because their certification adds meaningful recognition to our latest innovation.

ADAM TURNER, PHD

Director of Sustainability at Starbucks

REFERENCES

Leading brands worldwide trust flustix

adapa

HOMANN

smol

tesa

FABER-CASTELL
since 1761

GROPPER
QUALITÄT & IDEEN SEIT 1929

Azul
Linhas Aéreas Brasileiras

Kneipp

SunChemical
a member of the DIC group
Color & Comfort



Emirates

Henkel

Sowinpak

VERMOP
PROFESSIONAL CLEANING SYSTEMS

RAGALLER

Lufthansa

APP
sinarmas

KÄRCHER

DEISS

Ad Terram

traceless

delo

CORN NEXT

GREEN ROCK
GROUP

SURTECO

DeliPac

DELTA

COPECTO
DO GOOD USE WOOD

SWISS

DUNI
GROUP

deSter

Eurowings



elif
Packaging for Life
Huhtamaki Company

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rkW
WHEN EXCELLENCE
MATTERS

DG nexolution

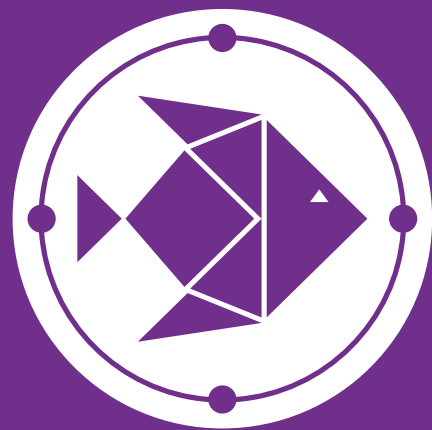
FOOTPRINT

LECTA

TranscendPackaging

sunp.r
EPS and more...

YOM



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We are always available to answer your questions and are happy to guide you through the entire certification process.

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