



HOHENSTEIN

# ***Services.***

Accredited testing and research services.



# ***Hohenstein.***

Textile expertise. To the point.

## **We believe in the fascinating possibilities of textile innovation for both people and the environment**

There are no products that we are in closer contact with than textiles. They can't just look good. They must also fit well, offer optimal performance and, of course, not cause harm to people or the planet.

We ensure performance and safety through testing, certification, research, product labels (OEKO-TEX®, Hohenstein Quality Label, UV STANDARD 801), and the transfer of knowledge we have built up over decades.

Over 10,000 customers already trust our comprehensive range of services that bring your product to market quickly and safely.



# Expertise.

Benefit from our unique combination of tradition, technology and knowledge.

## **Functionality: Services to Maximise Performance**

- Odor management with qualitative and quantitative tests
- Support with biocidal products
  - Proof of effectiveness
  - Guidance throughout EU approval process
- Testing the comfort of clothing or bedding systems based on indicators such as:
  - Thermal insulation
  - Sweat transport
  - Skin sensation
  - Breathability
  - Cooling
- Comparative product testing
- Assessing the functional characteristics of finished textiles: protection against wind, rain, microbes, UV radiation, and many others
- Testing of compression textiles sports and leisure
- Liquid absorbent undergarment (method: FemtechMas-Hohenstein-6513 2022:01)

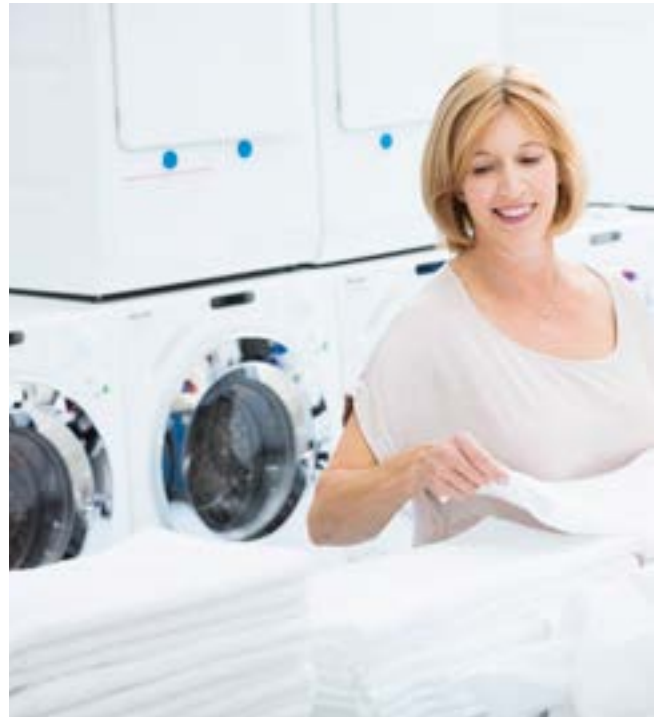


## **Compliance: Meet Regulatory and Quality Standards**

- Textile and chemical testing, e.g. fiber composition and authenticity, resistance, use characteristics, testing for harmful substances in accordance with legal requirements, industry standards and OEKO-TEX®
- OEKO-TEX® STANDARD 100
  - Harmful substance testing and certification for raw, semi-finished, and finished textile products
  - Certification of recycled materials
- OEKO-TEX® LEATHER STANDARD
  - Harmful substance testing and certification for raw, semi-finished, and finished leather products
- OEKO-TEX® ECO PASSPORT
  - Testing and certification system for chemicals, colorants and auxiliaries
- Color and whiteness measurement
- Technical specifications and quality guideline definitions
- Toy safety tests
- Inspections and audits

## **Textile Care: Safety in Industrial and Domestic Environments**

- Testing detergent products and domestic laundry care equipment
- Testing and certification for commercial textile care companies



## **Safety and Sustainability: Solutions for the Future**

- OEKO-TEX® MADE IN GREEN  
A label for products that have been tested for harmful substances and produced with ethical social values using environmentally friendly processes
- OEKO-TEX® STeP
  - Facility certification for optimizing environmental performance and environmental management
  - Auditing and certification of social working conditions and workplace safety
  - Establishing and monitoring chemical management system
- Testing the biodegradability of textiles
- Screening, identification and quantification of genetically modified (GMO) in cotton
- Quantitative microfiber analysis of textiles or wastewater
- Examination of biocompatibility, material properties, damage claims, storage stability and ageing

## **Health: Minimize Risk, Prevent Disease, Guarantee Hygiene**

- Testing and certification in a variety of hygiene-related areas
- Testing and certification of FFP masks to EN 149 (including type examination to PPE Regulation (EU) 2016/425)
- Testing of medical face masks to DIN EN 14683
- Proof of antimicrobial effectiveness
- Testing of medical products and medical compression textiles
- Testing the barrier effect of surgical textiles
- UV protection testing and certification for textiles



## **Fit & Pattern Services Tailored to Your Requirements**

- Fit development
- Fit testing
- Technical pattern service
- Digital material parameters
- 3D design and visualization
- Digital Fitting Lab
- 3D and 4D scanning, technology, avatars
- Workshops and customized training
- Consultancy services and individual project supervision



## **Workwear: Making work Safe**

- Testing and certification of Personal Protective Equipment (PPE)
- Testing and certification of workwear



# Trust & Expertise.

Transparent Services. Research. Training.

## Let your Quality Make a Mark

Our tailored solutions allow you to navigate increasingly demanding market requirements. Our quality and sustainability labels make your efforts clear to your customers.

- **Hohenstein Quality Label**

The quick way for consumers to identify high quality products

- **OEKO-TEX®**

Independent certifications and services to improve sustainability and product stewardship along the textile and leather supply chains

- **UV STANDARD 801**

Standardized measuring methods and specialist testing to determine the UV protection factor of textile materials

- **Hohenstein Hygienically Clean**

Quality mark for commercial laundries denoting commitment to the highest hygiene standards in laundry care

## Practical Research – Visionary Training

- **Academy**

Hohenstein specialists regularly share their expertise via webinars, conferences, workshops and training events. Visit [hohenstein-academy.com](http://hohenstein-academy.com).

- **Research**

We collaborate on public research projects and provide practical research services tailored to customer requirements. Benefit from our interdisciplinary team of textile engineers, chemists, biologists, physicists and medical scientists





## Your partner for textile expertise.

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