



HOHENSTEIN

# *Services.*

Accredited testing laboratory 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 touch with daily than textiles. It is important that they do not just look good – they also have to fit well, offer an optimal performance and, of course, should not contain any harmful substances.

We ensure this with textile testing, certifications, research, product labels like OEKO-TEX®, the Hohenstein Quality Label and the UV STANDARD 801, as well as the transfer of our knowledge that we have built up over decades.

On the following pages, you will find out more about our comprehensive range of services that over 10,000 customers already trust, and that bring your product on the market quickly and safely.



# Expertise.

Benefit from our unique combination of tradition, technology and know-how.

## **Conformity: Meet Regulatory and Internal Standards**

- Textile and chemical testing, e.g. fibre composition, fastness, resistance, characteristics of use, testing for harmful substances in accordance with legal requirements, industry standards and OEKO-TEX®
- OEKO-TEX® STANDARD 100
  - Testing and certification for raw, semi-finished, and finished textile products
  - Certification of recycled materials
- OEKO-TEX® ORGANIC COTTON  
Certification system for textile products made from organic cotton/blends with organic cotton.
- OEKO-TEX® LEATHER STANDARD  
A certification system for leather articles, which have been tested on harmful substances
- OEKO-TEX® ECO PASSPORT  
Testing and certification system for chemicals, colourants and auxiliaries
- Colour and whiteness measurement
- Defining technical specifications and quality guidelines for textiles and clothing
- Toy testing
- Inspections and audits

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

- Testing and certification for commercial textile care companies
- Testing of detergents/cleaning agents and domestic laundry care equipment



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

- Fit development
- Fit tests
- Consultancy services and individual project supervision
- Innovative use of 3D and 4D technology
- 3D Design and visualisation
- Technical pattern service
- Technical pattern and fitting consultancy
- Industry-wide workshops and further training on specific topics or customized workshop topics



## **Workwear: Our Know-how for Optimum Safety at the Workplace**

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



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

- OEKO-TEX® MADE IN GREEN  
Label for products tested for harmful substances, socially responsible and environmentally friendly manner.
- OEKO-TEX® STeP: Certification for environmentally friendly & socially responsible production
- OEKO-TEX® RESPONSIBLE BUSINESS:  
Management tool for meeting corporate due diligence requirements in the textile and leather industry
- Authorised certification body for the Green Button & Green Button 2.0
- Biodegradability of textiles
- Testing of cotton for genetically modified organisms (GMO)  
Screening | Identification | Quantification
- Investigation of biocompatibility, material properties, damage, storage stability, ageing
- Analysis of waste water in production
- DIN SPEC 4872: fibre release, biodegradability and ecotoxicity
- Sustainable Textile Service: Certification system for sustainable laundries

## **Health: Minimise Risk, Prevent Diseases, Guarantee Hygiene**

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



## Functionality: Services to Maximise Performance

- Odour management with qualitative and quantitative tests
- Support with biocidal products
  - proof of effectiveness
  - support throughout the approval process
- Testing the wear comfort of clothing based on indicators like:
  - thermal insulation
  - sweat transport
  - skin sensory
  - breathability
  - cooling
- Comparative product tests
- Assessing the functional characteristics of finished textiles: protection against wind, rain, microbes, UV radiation and many others
- Testing of compression textiles for sport and leisure
- Assessing the comfort level of bedding
- Liquid absorbent undergarment (method: FemtechMas-Hohenstein-6513 2022:01)



# Trust & Expertise.

Transparent services. Research and teaching to pass on our know-how.

## Let your Quality make a Mark

Our tailored solutions allow you to successfully navigate increasingly stringent market requirements. Our quality labels and sustainability seal make this clear to your customers.

- **Hohenstein Quality Label**

The quick way for consumers to identify particularly high quality products.

- **OEKO-TEX®**

Independent certification and services to improve sustainability and increase product stewardship along the textile supply chain.

- **RAL Quality Certification Mark RAL-GZ 992**

A quality mark for commercial laundries in the German Certification Association for Professional Textile Services denoting a commitment to high quality standards in laundry care.

- **UV STANDARD 801**

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

## Practical Research – Visionary Training

- **Hohenstein Academy**

Hohenstein specialists regularly pass on their expertise in presentations, conferences, workshops and numerous training events, using both analogue and digital channels. Go to [hohenstein-academy.com](https://hohenstein-academy.com) for upcoming dates, webcasts, videos and other content.

- **Research**

We collaborate with 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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