



HOHENSTEIN

Getting the Job Done.

Guarantee the functionality and fit of your workwear.



**“He who pulls
at the wrong
thread unravels
the entire fabric.”**

**Our job: making yours as comfortable,
successful and safe as possible**

Whether for safety, hygiene, special functions or a consistent company image, workwear must always be comfortable, durable and well-fitting, while allowing the wearers to do their job.

Developing workwear involves considering various requirements, including legal compliance, durability, suitability for leasing, and sustainability. With Hohenstein, you have a reliable partner to implement these requirements in a targeted manner.

As individual challenges demand user-oriented solutions, we match our testing scenarios to your requirements, from product development to a secure process and a high-quality end product. That is our job – we are passionate about it, and we do it well.

Our Services at a Glance.

Product Performance

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Comfort and Fit

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Quality Assurance

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Sustainability

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Tailored Solutions

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External Communication

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Expertise

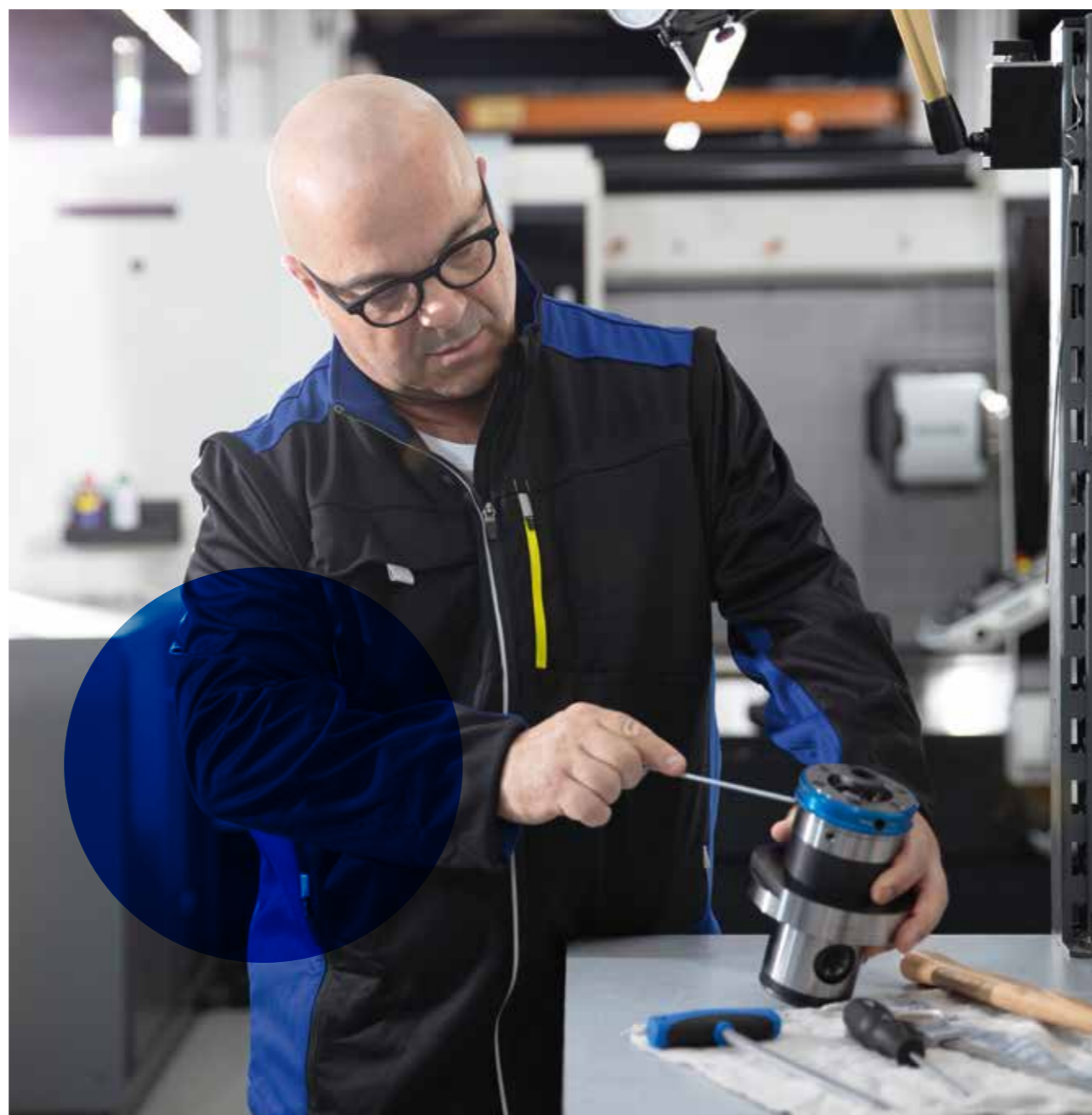
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Total Commitment.

Our expertise in high-quality, reliable and durable workwear.

Clothing can – and should – improve a worker's performance. The best workwear is characterised by striking the perfect balance between function, design and durability. It not only fits well, but also retains function and colour after repeated washing.



Your benefits

You receive neutral and independent proof of quality based on our unique expertise from over 75 years of experience in global textile testing and certifications.

- Consistent product quality for product claims and sourcing decisions (e.g. colour fastness, watertightness)
- Optimum performance confirmed by product tests
- Testing for verification and improvement of suitability for leasing
- Clear supplier communication through technical performance descriptions to retain comfort and safety
- Proof of product stewardship through the textile life cycle

Recommended without Restriction.

Our services for superior wear and ideal fit.



Without the wearer's willingness and ability to use the workwear, it cannot fulfil its purpose. It must be comfortable, properly fitting and not get in the way. Restricted mobility and a lack of functionality often lead to returns and avoidable costs.

Your benefits

Hohenstein is a pioneer in the quantitative and qualitative evaluation of the comfort of textiles and clothing. We invest in and utilise a combination of modern technology and over 1,000 trained fitting models and test persons.

- Quantitative measurement of thermal and moisture management, as well as breathability using the Hohenstein Skin Model, WATson, thermal and sweating manikins, climate chambers and microclimate sensors
- Evaluation of odour formation and elimination technologies
- Testing the recovery and effectiveness of elastic materials and compression profiles with Hohenstein's HOSY device
- Technical pattern service, including basic and sample-pattern development with grading and consulting
- Fit analysis with digital tools and human fitting models for a uniform brand and size conformity
- Consultations for optimised product development
- 3D scanning and 3D simulation

Take no Risks.

Our expertise for optimum protection.

Legal compliance and exclusion of harmful substances are just two of the requirements that textiles must meet before entering the market. These come before the unique demands of the user application or local market. Relying on neutral proof is the only way to create a convincing case for your product.



Inspiring Confidence.



Good to know

Safety for human beings and the environment remains the highest priority at Hohenstein. That is why we are founding members of the International OEKO-TEX® Association and the International Testing Association for Applied UV Protection and actively contribute to setting standards throughout the industry.



Your benefits

Using accredited laboratory testing, we help you comply with quality guidelines, laws and international standards. Hohenstein also uses years of applied research to develop standards that account for real-life situations and often far exceed minimum industry standards.

- Tests for harmful substances in accordance with REACH, CPSIA or individual RSLs
- Tests for material quality and performance
- Comprehensive testing and certification for raw, intermediate and end products with the OEKO-TEX® system
- Measurement of textile UV protection according to UV STANDARD 801, the Australian/New Zealand standard AS/NZS 4399 and the European standard EN 13758-1

Working for the Future.

Our solutions for sustainable business.

Successful companies think economically as well as ecologically. The demand for sustainability is growing, especially in textile sourcing. Social and environmental aspects are playing an ever more important role in consumer purchasing decisions. The direct correlation between environmental and economic benefits are becoming more widely recognised. Set a good example and secure sustainable success.

Your benefits

We always stay up to date with technical developments and legal requirements to give you a competitive edge and back your claims with our reputation for quality.

- Screening, identification and quantification of genetically modified (GMO) cotton
- Testing of biodegradability using soil burial tests to determine the biodegradation behaviour of materials and their environmental impact
- OEKO-TEX® solutions such as MADE IN GREEN for sustainably and socially responsible textiles, STeP for environmentally friendly and socially responsible manufacturing, ECO PASSPORT for greener chemicals, RESPONSIBLE BUSINESS for assessing and implementing corporate due diligence obligations, and ORGANIC COTTON for textile products made from organic cotton or blends with organic cotton.
- Analysis of waste water quality in accordance with industry initiatives, such as ZDHC requirements (Zero Discharge of Hazardous Chemicals)



Custom-made.

Our tailored testing programmes for specific needs.



One of the greatest challenges when introducing a textile to the market is proving compliance with statutory regulations and customer demands. Then, it takes developing and highlighting special product features to stand out. Your products are not one-size-fits-all – your testing plans should not be either.

Your benefits

These are no off-the-shelf plans: you can choose the scope and depth of testing on an individual basis.



Scope of testing

- **Legal Protection**

To stay on the safe side of the law: testing parameters for conformity to applicable regulations (local and international).

- **Quality Compliance**

To compete in the market: testing to industry standards or campaign initiatives.

- **Competitive Advantage (Claim Verification)**

To clearly stand out: neutral proof of the superiority of your product via quantitative or qualitative analysis such as comparative product tests.

Work that is Plain to See.

Our reputation for boosting high-profile communication.

Workwear needs to do the job – and make work easier for your customers. That starts with procurement. Convince customers with credible, independent proof of quality. Save customers the trouble of researching and comparing. Use Hohenstein's reputation as proof of your claims.

Your benefits

Use our quality and sustainability labels to clearly show end users, suppliers and legislators that your claims have been verified. Use these systems for internal quality control, to develop better products and to gain a competitive advantage.



- Labelling with the recognised Hohenstein Quality Label "Tested Workwear"
- OEKO-TEX® certifications and labels
- Textile labelling and fibre composition
- Comparative product tests



Trust the Expertise of Hohenstein.

Our expertise for your benefit.



Benefit from our expertise

We are an internationally recognised and trusted partner that accompanies you throughout the whole process. With decades of experience and a wide range of services for textiles, we offer you a one-stop service: from conducting the tests to certification and marketing at the point of sale.

- Faster product launches thanks to close cooperation between you and our experts in state-of-the-art laboratories
- Increased safety and quality through analysis and independent certification
- Reduced liability risk and fewer customer complaints thanks to documented testing and results
- Optimisation of products, supplier communication and development processes based on more than 75 years' experience
- Access to the latest industry research, standards and market developments with industry leaders and global network



Your Partner for Textile Expertise.

Hohenstein
Schlosssteige 1
74357 Bönningheim
Germany
customerservice@hohenstein.com
hohenstein.com