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Hahnemühle

Filter Papers since 1883

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Our History

Hahnemühle FineArt GmbH is an internationally active company that specialises in the development and manufacture of premium quality papers. With an annual production of approx. 3,000 tonnes, we are a genuine paper manufacturer in the old-fashioned sense, rather than a mass production factory.

Through the combination of extensive traditional skills with modern production organisation expertise, we manufacture high quality, superior papers. Our strength lies in this combination of traditional craftsmanship and modern technologies. Our products are internationally renowned because we are masters of our trade and use only the best raw materials.

Ever since the Hahnemühle paper mill was founded in 1584, our papers have been manufactured entirely in Germany. However, Hahnemühle does own distribution companies in the USA, China, the UK and France.

Hahnemühle is a medium-sized, family-owned enterprise, employs 180 people internationally and supplies its products to customers in 85 countries all over the world.

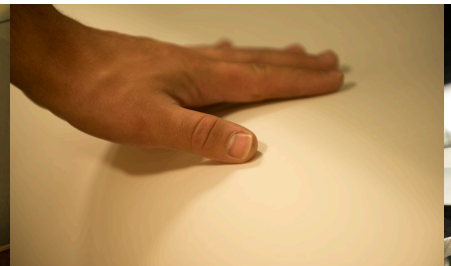
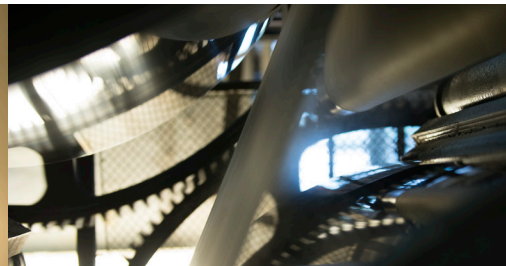
Our Three Business Divisions

Filter papers
Hahnemühle laid the foundations for its range of filter papers with the development of the three filter paper types 589/1 to 589/3, gradually increasing it with the addition of types 2992, 595, 604 and also with the high purity hardened filter papers 1573 to 1575. To this day, each of these types is still synonymous with the respective product.

The Hahnemühle product line “with the three red stripes” has grown steadily and until 2004, was fabricated and distributed under the Schleicher & Schuell brand. Since 2008 Hahnemühle has marketed these papers under it’s own name.

Traditional fine art papers
Over centuries, Hahnemühle has built up a globally successful range of papers for traditional painting and drawing techniques for professional and hobby artists through an outstanding awareness of what artists want and need to express their creativity.

Digital FineArt papers
Applying its fine art paper manufacturing expertise, Hahnemühle has invented exclusive papers for inkjet printing and is the market leader in this field. Hahnemühle Digital FineArt papers are sold worldwide.

Production

All Hahnemühle papers are produced on three types of paper machine.

Cylinder mould machine
The water and fibre mix is poured into the vat. The pulp fibres lie randomly across the cylinder screen and form a stable sheet of fleece-like paper; the water is extruded through the screen. At the highest point of the cylinder mould, the sheet of fleece-like paper is transferred to a felt and then fed into the paper machine. The machine runs slower than standard paper machines, thereby producing paper of a unique, outstanding quality.

Fourdrinier machine
When paper is made using a Fourdrinier machine, the water and fibre mix is sprayed onto an "endless" conveyor belt type screen. The mix spreads evenly all over the flat plastic screen. The water drains off, and leaves a sheet of fleece-like paper. Most of the fibres will lie in the direction the screen runs in. The screen part of the belt is immediately followed by a press part, which is also the last wet part of the paper machine. More water is squeezed from the endless sheet of paper with pairs of rollers that are subjected to hydraulic pressure and, if required, with an additional press. The remaining moisture is drawn out of the paper through steam heated metal drying cylinders by way of contact drying.

Customisation
Our range of equipment allows us to flexibly adapt our products to individual customer size and shape requirements.

5 paper rollers
4 cross cutters
3 guillotines
1 pad press
1 spiral binding machine
2 swing arm clicker presses
1 beam cutting press
1 high speed cutting press for small-scale formats

Focus on Quality

Hahnemühle aims to offer products and services that consistently meet the requirements and expectations of our customers through the implementation of a strict quality management system.

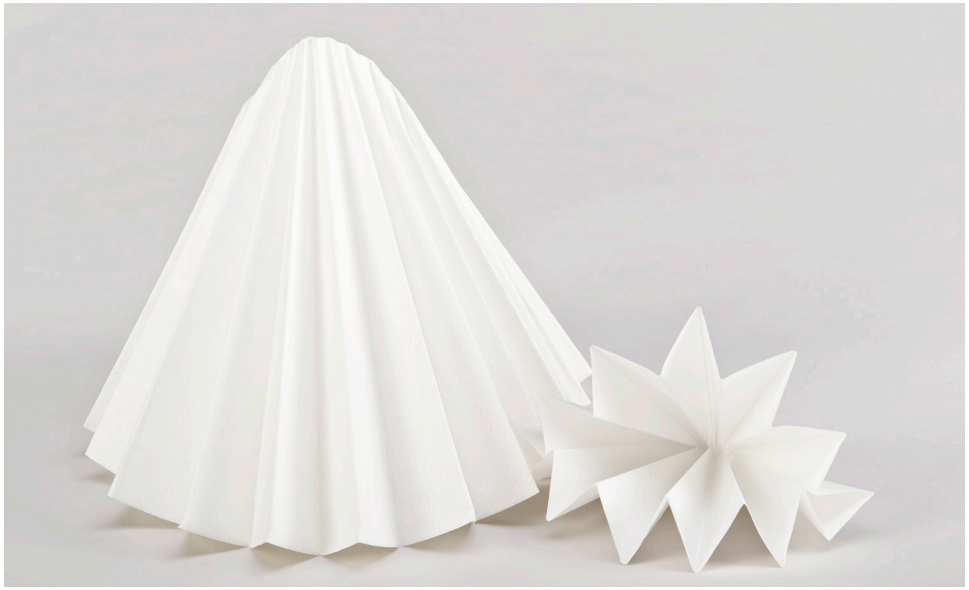
A DEKRA certificate proves that Hahnemühle meets all DIN EN ISO 9001 standard requirements. Implementing a quality assurance system guarantees a high quality standard and competitiveness in the international markets with their increasing exacting quality expectations.

This certificate is also evidence of our marked customer focus, from product development to service. Ongoing further product developments and process improvements allow us to exceed the required quality standards.

Manufacturers of products and quality monitoring systems have to measure the performance and quality of a product in a wide range of application areas to demonstrate the adequacy of a product. ISO and EN standards, as well as official association and government body regulations, define the processes and tools for a particular area and the threshold values that must be complied with. Hahnemühle filter papers guarantee users a high level of security.

Hahnemühle syringe filters and membranes are subjected to strict quality controls during and after their manufacture. The storage life of the finished products in the warehouse is constantly monitored. In addition, every filter is subjected to the following five tests: bubble point, burst pressure, membrane adsorption, flow rate and extractable substances.

Hahnemühle has been an official "Brand of the Century" since 2016, and therefore belongs to the exclusive circle of Germany's strongest brands.



Product Line Laboratory Disposables

Hahnemühle manufactures an internationally renowned range of premium filter papers. We laid the foundations for our success in this area with the development and production of our paper types 589/1 to 589/6.
Our filter papers are suitable for a wide range of both liquid and air filtration technologies in various areas of application, and the raw materials – high quality pulps, cotton linters, glass and quartz fibres – for all laboratory and industrial uses.

Our portfolio includes:

- Pulp, glass and quartz fibre filter papers for quantitative and qualitative analyses and particle removal
- Pulp, glass and quartz fibre extraction thimbles & pots
- ISTA standard compliant bacteria test paper
- Blotting papers
- Chromatography paper
- pH indicator papers

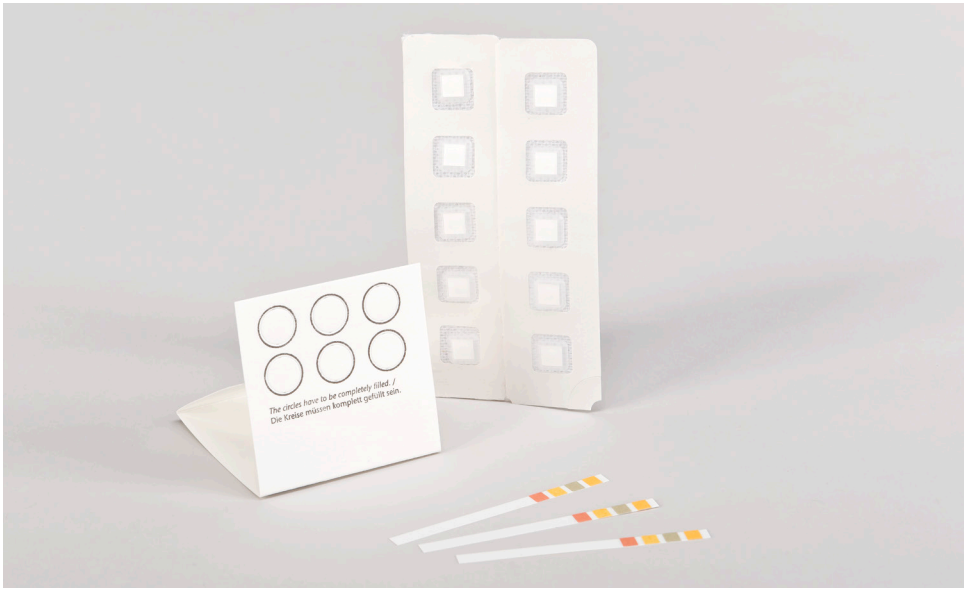
The microfiltration range includes syringe and membrane filters for the reliable separation of microorganisms and particles in liquids, air and other gases.

Clear and sterile filtration, sample preparation, sterile aeration and medical applications are just some of the areas where disposable filters are typically used. They are available in a wide range of different pore sizes and with different hydrophilic or hydrophobic membranes.

- Sterile and non-sterile syringe filters with CA, CR, PTFE and NY membranes

We offer various membrane filters with pore sizes from 0.2 µm – 8 µm for particle removal or for collecting the microorganisms to be examined from solutions, for applications from clarification and sample preparation to sterile and air filtration, aeration and microbiological control.

- Sterile and non-sterile AC, NC, MCE, CR, PTFE and NY membrane filters



Filter Papers for Technical and Industrial Applications

Customised high-end filter papers!

The development of individual filter paper solutions according to specific customer requirements is one of Hahnemühle's core business areas. Besides the usual raw materials such as cotton linters, pulp, glass or quartz fibres, we also use synthetic pulp, chemical and functional fibres.

The choice of raw materials is the first step of development. Refining these and adapting them to the production process leads to a unique recipe that results in a unique paper.

Our in-house team of developers ensures that the filter media meet all of the varied and specific requirements. In close cooperation with our customers, we create a paper with properties that match these requirements.

Due to our wide range of equipment and our internal organisation structure, we are also able to realise respective customer enquiries at short notice. We also manufacture smaller order quantities than usual in this market, which is especially useful for customers involved in development projects.

Surprising Facts...

Throughout your life, you'll encounter Hahnemühle filter papers more often than you'd imagine, for example:

- when you move into your first apartment, the quality of the cement used to build it was tested with our papers
- when planning your family, as it's a component of pregnancy tests
- when eating cake, as the quality of the sugar beet seeds were tested with our papers
- at the hospital when your newborn is first examined; it is used as a carrier for blood samples
- when visiting a doctor; is it used for allergy tests, and urine and blood testing strips
- during the quality control process for your favourite drink, whether soft drinks, beer or wine
- during city breaks, as the air quality is also checked with Hahnemühle products
- under the shower, your tap water has been checked for legionella with a filter made by us
- when your car engine is checked; Hahnemühle products are used in the process

Testimonials

Strube GmbH, Germany

"As one of the few genuine paper manufactories, Hahnemühle is a competent and reliable partner for us. Hahnemühle supplies us with individually manufactured paper types and formats that meet our extremely specific requirements."

ASYSTEC, Chile

ASYSTEC a company that sells filters in different formats and compositions: "Pride felt to belong for so many years to the Hahnemühle Team, by their high standard of quality observed in each one of the products supplied to us, their always wise response to our needs, their flexibility according to the conditions of the market. Everything at the time is reflected in the high level of satisfaction of our customers to their products."

Karlsruhe Institute for Technology (KIT), Safety and Environment (SUM), coordination unit for wastewater, environmental and air quality monitoring, Germany

"We have been using the type GF8 filter papers with a 199mm diameter for our control and monitoring measures for a number of years now. This special size was developed by Hahnemühle in cooperation with KIT's predecessor (the Karlsruhe centre for research and nuclear research), and has been used very successfully ever since. We have never been disappointed by the high product quality, and particularly appreciate the customer-focus."

Why don't you place your trust in us as well!
Order up to three free samples of your choice. We are looking forward to hearing from you.

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