

Dear Customers

we are very proud to present our new catalogue "FILTRATION 2000". This new catalogue will lead the way into the new millenium.

As you can see we have added several new products to our programme. Most important is that we now have a complete new membrane and syringe filter product line.

We have divided our catalogue into five different parts

- LABORATORY FILTRATION
- ENVIRONMENT CONTROL
- INDUSTRIAL FILTRATION
- MEDICAL PRODUCTS
- AIR FILTER MEDIA

In our Medical Product Line you will find a complete range of sterilization papers, protection papers, dental papers and electrode paper.

As usual we can offer you a major part of this new programme on a private label basis. We continue our succesfull joint-venture with Papierfabrik J.C. Binzer in Germany. Therefore you will find our programme in both catalogues from Munktell and Ederol. Our catalogue is available through many distributors all around the world.

For further information, you are most welcome to contact me directly.

Yours sincerely,

Gustav Kyrk
Managing Director



THE WORLD'S FIRST MANUFACTURER OF FILTER PAPER

The Swedish chemist J. J. Berzelius (1779 –1848) is regarded as the inventor of the first real filter paper. It was he who first started using pure waterleaf all-rag paper for the retention of precipitates in chemical analysis.

At Berzelius' suggestion, the development and manufacture of such paper was begun around 1815 at J. H. Munktell's paper mill at Grycksbo. Similar production was later begun in England and Germany, but the "Swedish Filter Paper" retained its leading position, and its characteristics, particularly its purity, set the standard for analytical filter papers.

The paper, which was hand-made at the time of Berzelius, is still made at the same paper mill today, but now with the aid of modern paper making technology. Munktell filter papers with Berzelius' picture – your assurance of original quality!



Munktell filter papers were long delivered in hand-made birchbark packages.



AND STILL ONE OF THE LEADING

Our products are sold under the trade marks MUNKTELL and EDEROL.

Our long experience in paper making guarantees high quality filter papers with properties tailored to different applications.

We will spare no effort to perpetuate the fine MUNKTELL filter paper tradition. Intensive Research and Development work in paper technology vouches for the continuous development of the "Swedish Filter Paper" to meet the needs of tomorrow.



The paper machine on which we produce most of our standard qualities.

Binzer & Munktell Filter GmbH, a subsidiary company of Munktell Filter in Battenberg, Germany



All our efforts are keyed to the one goal:

TO WIN THE CONFIDENCE OF THE CUSTOMER IN THE QUALITY OF OUR PRODUCTS AND SERVICES.

We are doing our utmost to realise this ambition and will do all that is necessary to have products and services come up to even the highest expectations. Finally, our business depends on your success.



Quality control already begins at the stage of development. Here already, chemists and technicians of our laboratories maintain close contacts to our customers in order to tailor the right product for a given application. The raw materials are the basis for a constant paper quality. This is why strict controls are carried out at reception and during production consistency and degree of beating are thoroughly kept under control.



Automatic measuring devices during production, in the course of an in-line production control in the laboratory of the paper machine register the slightest deviation. A continuous process control in the laboratory of the paper machine provides a direct flow of information to the operating staff. The quality control on the spot is complemented by tests carried out in the quality department. The sophisticated test rigs both Binzer and Munk-tell correspond to the standard of modern technology. Regular revision of measuring means guarantee their function and precision.



The whole staff has been familiarised with conditions and standards of quality control and has been trained as to their application so that the next conversion step is only carried out when the respective demands have been met. We apply customer-orientated quality assurance also to the converting sections of our plant which is intended to be the basis for a successful collaboration for many years to come.

Quality Management System – ISO 9001



Our company has implemented Quality Management Systems which are confirmed by certification to comply with all the requirements of the **DIN / SS EN ISO 9001** norm.

It is the application of these Quality Assurance Systems that guarantees a high quality standard and competitiveness in constantly more demanding markets and proceeding internationalization.

Moreover, the certification is a token of customer orientation from product design to customer service. Continuous product evolution and improvement of existing production processes help us outperform the required quality standard.

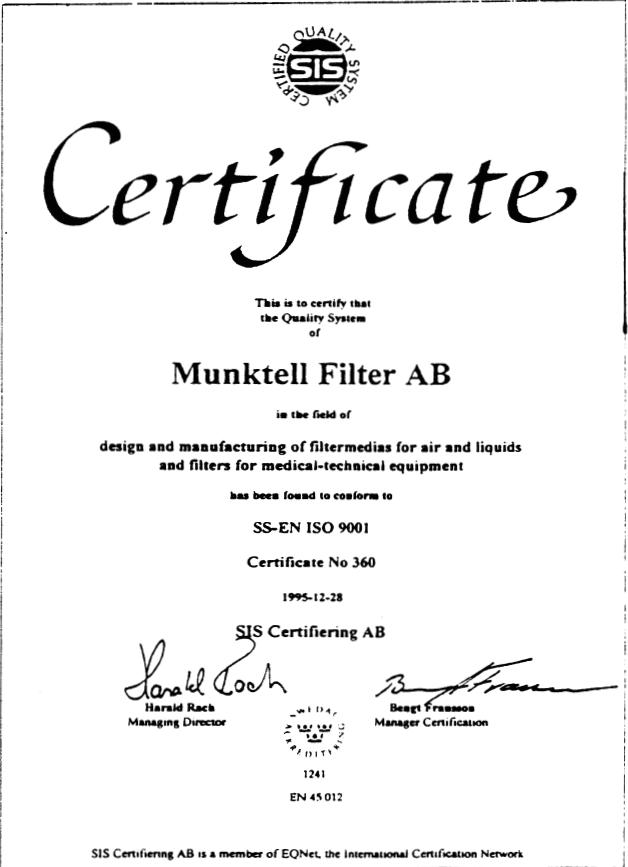
Along with a competent service, these merits will contribute to the acquisition of new customers and the strengthening of our existing relations.

Wir haben Qualitätsmanagementsysteme eingeführt, denen durch Zertifizierung bescheinigt wird, alle Anforderungen der **DIN / SS EN ISO 9001** zu erfüllen.

Die Anwendung dieser Qualitätssicherungssysteme garantiert hohen Qualitätsstandard und Wettbewerbsfähigkeit in Märkten mit steigenden Anforderungen und zunehmender Internationalisierung.

Darüberhinaus dokumentiert die Zertifizierung Kundenorientierung von der Produktentwicklung bis zum Service. Stete Weiterentwicklung der Produkte und Verbesserung der Prozessabläufe schaffen die Voraussetzung, das geforderte Qualitätsniveau zu übertreffen.

Eingebunden in einen kompetenten Service sollten diese Vorzüge dazu beitragen, neue Kontakte zu knüpfen und bestehende Verbindungen weiter zu festigen.



As many of our products are used in medical-technical applications our manufacturing and quality control procedures comply with GOOD MANUFACTURING PRACTICES (GMP) and ISO 46002. Each step of the manufacturing process, from incoming materials through production and finished products, is documented, validated and controlled. Upon request, we can supply certification of test data.

Our Quality Management System is supervised and certified by SIS SAQ AB, Stockholm, Sweden and Medical Products Agency, Uppsala, Sweden.

Our filter products are CE-marked as follows:

Class 1:

- Syringe Filters – non sterile – except PES syringe filters
- Air Venting Units – non sterile
- Capsules – non sterile

MS-20, MS-20/GS, MS-40-S, MS-40-S-GS, SUCTOGARD, MS-61, MS-61-GS, LP-10-38, LP-10-80.

Class 2 a:

- Syringe Filters – sterile – except PES syringe filters
- Air Venting Units – sterile
- SCAP – sterile
- Capsules – sterile

MS-40, MS-41, MS-681, LP-025, LP-050, connectors

PLEASE OBSERVE THAT OUR POLYETHERSULFONE (PES) SYRINGE FILTERS ARE NOT CE-MARKED.

CE GUIDE FOR MICRO FILTRATION SEE PAGE 130



Environmental Management System – ISO 14001

In order to control the influence that our products and processes have on the environment we are using ISO 14001 as a guideline.

This means that we must have full control over our

- incoming products
- production/processes
- waste/waste disposal
- environment legislation

Our main targets are to minimize any negative influence on the environment that might occur in our processes and to always improve our performance.

ISO 14001 provides us with the elements of an effective environmental management system which we have integrated with our other management requirements in order to achieve environmental and economic goals.



MUNKTELL and EDEROL have a long experience in supplying OEM products all around the world. Many major filter producers have our products as complement to their own product line. Large laboratory distributors buy our filter paper programme private label.

WE CAN SUPPLY THE FOLLOWING OEM PRODUCTS

LABORATORY FILTER PRODUCTS

- Filter Paper
- Thimbles
- Special Grades
- Membranes
- Syringe Filters
- Indicator Papers
- Chromatography/Blotting Paper



ENVIRONMENT CONTROL PRODUCTS

- Micro Glass Fibre Papers
- Quartz Fibre Papers
- Membranes
- Air Filter Media

MEDICAL PRODUCTS

- Sterilization Papers
- Dental Papers
- Table Top Papers
- Inline Filters
- Breathing System Filter
- Heat and Moisture Exchanger (HME:s)



We focus our resources on service, quality, problem solving, and close customer relationships. We are organized in a way that enables us to quickly and accurately respond to customer needs. Product development focuses on specific customer or market needs and innovation approaches. We combine this with an in-depth knowledge of materials, chemistry, and process to develop products that offer performance and quality leadership.

If you should have an idea of a new product or an actual demand just contact us

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FILTRATION IS OUR BUSINESS

