



nonwovens & hygiene



fast, flexible, innovative

Kelheim Fibres GmbH is one of the world's leading producers of viscose speciality fibres. The plant in Kelheim, Germany couples innovative technology with technical expertise and outstanding customer service.

Around 75,000 tonnes of fibres are engineered, manufactured and tested every year to service our two core product areas:

- Fibres for Textile Specialities
- Fibres for the Nonwovens and Hygiene sectors



world-class production

Our high-quality fibres are exported to 43 countries on 5 continents. We build and encourage development partnerships with our customers using the pilot facilities available in Kelheim to create customized fibre solutions. From hi-tech clothing, to hygiene products and technical products, these fibres are trusted by manufacturers for a hugely diverse range of applications.





GALAXY®

VILOFT®
nonwoven



perfect products of natural origin

Our products have their origins in managed plantations, where controlled cultivation and sustainable management combine to produce an ecologically sound raw material: eucalyptus trees.

Within a few years these forest giants reach the optimum size and are harvested and processed to manufacture pure cellulose.

In Kelheim we process this cellulose - which carries the highly regarded seal of the Forest Stewardship Council - to produce high quality viscose speciality fibres.

Purity and absorbency are natural properties of viscose fibres - during the manufacturing process the natural cellulose in wood pulp is converted to a fibre which is flexible and soft to the touch, finally delivering a product which is engineered to meet customer needs yet natural in origin.





Our viscose fibres are 100% biodegradable and so allow the bio-cycle to be completed after only a short time – an important factor when the products are used to manufacture disposable items.

The products produced in Kelheim help meet the growing consumer requirements for responsible action in manufacturing and environmentally friendly products - and help to preserve the environment for future generations.

At the same time our viscose fibres are distinguished by outstanding quality and the highest hygiene standards. Kelheim is selected again and again as the preferred partner for the nonwovens and hygiene industry.

Viscose fibre production in Kelheim meets all local and EU requirements and is ISO 9001:2000 certified.





making the difference



With Danufil fibres, high quality performance in nonwoven products is assured. Specific fibres are engineered for use in the hydroentanglement, airlaid and wetlaid processes for the production of all kinds of wipes, such as baby wipes & household wipes, and medical products. Danufil is manufactured in counts of 0.9dtex – 6.7dtex in different lustres and staple lengths of 30 – 60 mm. It can be processed in 100% form or in blends with Galaxy or Viloft nonwoven, or most other natural or synthetic fibres.

More absorbent than other standard viscose fibres, Danufil is number one in its category. We are a leading supplier to the tampon industry, with every finish we offer approved by the FDA and European health authorities.

All our fibre types specified for the medical and hygiene sectors meet the purity requirements of the US and European Pharmacopoeias as well as the FDA. The fibre finishes applied in our process ensure excellent processability and perfect antistatic properties.





DANUFIL® KS – our short cut viscose speciality

The high quality and versatility of Danufil products are also evident when short cut fibres and tow for short cutting are supplied. The products meet the high standards required for both speciality papers and foodstuff filtration. Danufil KS short cut can be used in all common processing technologies such as wet-laid and processes for the production of special papers, cardboard, filters and wipes.

Danufil viscose short cut can also be used as a raw material for the manufacture of carbon products for the furnace industry.



Danufil KS can be processed either in 100% or blended with natural and synthetic fibres. The product is suited for a wide range of applications from foodstuffs packaging, filtration and other industrial applications to the medical sector. Danufil short cut has been tested and approved for hot liquid filtration and foodstuff contact by the ISEGA research and testing organisation.



GALAXY®

the first choice for hygiene

in tampons and medical products...





Providing up to 30% more absorbency than both standard viscose and cotton, and with greater environmental and safety benefits, it's no wonder that Galaxy is the leading fibre for the international tampon industry. Time and again, manufacturers across the hygiene and medical sectors choose our high performance, trilobal viscose.



MAGNIFIED VIEW OF GALAXY FIBRE

Available in a range of specifications to suit varied applications, Galaxy accommodates all kinds of nonwovens processes and products, and can be used pure or in blends with natural and man-made materials.

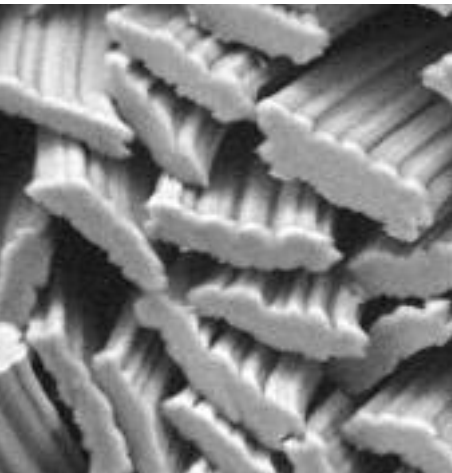
Galaxy products deliver consistently exceptional results with safety assured. Certified to Oeko-Tex 100 standard for use in baby products, Galaxy excels even in the most sensitive areas.

What's more, we offer manufacturers outstanding customer care, including a wide range of development and after sales services. Our laboratories and R&D facilities are specifically geared to supporting the femcare industry, and we offer the ultimate in hygiene levels within our production processes.

VILOFT[®]

nonwoven

making the difference



Viloft nonwoven is an innovative viscose fibre with revolutionary characteristics ideally suited for the production of flushable wipes. Its modified flat cross-section delivers new benefits for the nonwovens industry. Viloft nonwoven is perfectly designed to enable fabrics to break up when flushed in water, whilst maintaining the required strength for packaging and use.

In addition, it is produced with a special fibre finish that was developed to meet the needs of nonwoven manufacturers.

Like all our viscose fibres, Viloft nonwoven is produced from natural wood pulp sourced from managed plantations. It is 100% biodegradable and certified for usage in baby and hygiene products.



- Improved disintegration of nonwoven materials during disposal
- High levels of natural absorbency
- Ultimate softness and extra comfort.



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