



**bio**  
LINE



**Natural. Degradable. Visionary.**

bioLine geotextiles - based on renewable raw materials



**HUESKER**  
Ideen. Ingenieure. Innovationen.



# Products based on natural raw materials

## Environmentally conscious product solutions for temporary applications

### Sustainable and reliable quality

With the bioLine, HUESKER is consistently focusing on sustainable construction with geotextiles. The bioLine stands for bio-based and biodegradable technical textiles for temporary applications. The technical requirements of the bioLine product portfolio are fully met. Based on natural raw materials, the products are completely biodegradable. The use of bioLine products pays off twice over: after temporary use, there is often no need for labour-intensive dismantling, and nature takes over the recycling. This makes its use particularly efficient and economical.

With the SoilTain® DW bio product, HUESKER is one of the first manufacturers and pioneers in the field of dewatering products that are fully biodegradable.

Through engineering, HUESKER succeeds in finding the best compromise between bio-based product solutions and technical requirements. The highest demands are placed on technical textiles which replace conventional construction methods with sustainable solutions. HUESKER meets these in full.

### The bioLine product portfolio



Based on  
natural raw materials



Biodegradable  
degradable products



Powerful for temporary applications

### Developed for optimal use of resources

Our entire product portfolio is already based on sustainable innovations and offers more environmentally friendly solutions compared to conventional construction methods. With durable, resource-saving and efficient products, we help to achieve considerable CO<sub>2</sub> savings. In addition to bioLine, we have been the first geotextile manufacturer in the field of geotextiles to produce products made from recycled raw materials since 2020 with the introduction of ecoLine. With the development of the bioLine, we are consistently pursuing the path of sustainability. HUESKER supports its customers in becoming more sustainable - with environmentally compatible product solutions and individual engineering services for a wide range of applications. We look forward to working with you to make future projects even more resource-efficient and therefore more environmentally friendly.



**Discover our sustainable product solutions!**

Scan the QR code now and discover our resource-saving products >>

SoilTain® DW bio



Incomat® bio

Basetrac® Grid bio

Basetrac® Woven bio



SoilTain® DW bio

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## Fast and efficient sludge dewatering

### Geotextile tubes for modern drainage

SoilTain bio dewatering tubes offer you an efficient and fast solution for dewatering sludge.

The large-volume tubes ensure a high process capacity with excellent dewatering performance in a limited space, which enables rapid construction progress. You reduce costs by reducing the amount of machinery required for dewatering and removal of the sludge. Even with prolonged use, there is no rewetting effect, for example due to rain, so that you achieve a higher dry residue compared to flushing field drainage.

SoilTain bio not only ensures reliable packaging of the sludge, but also minimal odour development. SoilTain bio is the modern solution for sludge dewatering.



Tube and sediment can be disposed of together



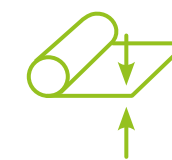
Processing without intermediate storage



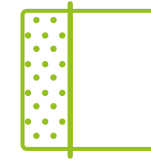
Low use of resources



No formwork work required



Uniform mat thickness for better sealing



Low hydraulic roughness compared to other concrete mats

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SoilTain  
Dewatering



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Incomat® bio

## Perfect symbiosis of bio-based geotextile and concrete

### Optimum protection for the base, embankment and pipeline

Incomat bio offers comprehensive protection for hydraulic engineering and fulfills functions such as sealing, erosion protection, buoyancy control and protection against mechanical damage in bodies of water. The different versions cover different requirements. Incomat bio is characterized by its uniquely uniform mat thickness, which is achieved by vertically integrated webs in the mat, thus ensuring an excellent seal. As Incomat bio can be installed directly under water, it is often not necessary to empty the sewer or lower the water level.

The Incomat Pipeline Cover bio is ideal for protecting pipelines against mechanical impact or for protection against buoyancy. The IPC bio system enables fast and efficient implementation and represents an alternative method to conventional pipe coating with conventional formwork technology.

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Incomat



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Basetrac® bio

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# Temporary solutions for separation, filtration and erosion control

## Large panels for erosion protection and easy separation and filtering

The main areas of application for Basetrac bio products are in temporary road construction and in earthworks and foundation engineering. Thanks to its high adaptability, Basetrac Grid bio is suitable for all soil conditions and offers temporary protection against surface erosion. It is used in applications with low tensile or tangential loads. The use of biotextiles in erosion control promotes vegetation development and temporarily supports the stabilization of the surface cover in a simple, economical and environmentally friendly way.

Thanks to its close-meshed structure, Basetrac Woven bio performs the functions of temporary separation and filtration. Basetrac Woven bio is often used as an alternative to nonwovens and ensures reliable application.



Protection against surface erosion



Easy to install without memory effect



Economical: no maintenance, no disposal necessary



To the product page:  
**Basetrac Grid**



To the product page:  
**Basetrac Woven**




# Working together for more sustainability

## Our solutions for global challenges


We are in the privileged position of being able to work together with our customers to ensure greater sustainability. Whether in environmental technology, hydraulic engineering, earthworks and foundation engineering or in the agricultural sector our textile solutions prove that they not only improve the subsoil or the climate in barns, but also significantly reduces environmental pollution. We enable considerable CO<sub>2</sub> savings compared to conventional construction methods. One of the biggest challenges we face today is the protection of our environment.

New paths must be taken and fortunately technical textiles help with the tasks of environmental protection in many ways!



**Benefit from products that offer ecological advantages, reduce costs and increase efficiency.**

« Discover our product solutions that can help you achieve your sustainability goals.



## Your partner for the highest standards

HUESKER relies on state-of-the-art production and seamless quality control to ensure the highest standards. Sustainability characterizes our actions, with a focus on the responsible use of energy and resources. Certifications according to ISO 50001 and ISO 14001 attest to our commitment to sustainable energy and environmental management. TÜV Nord confirms our outstanding success following a comprehensive audit. **"HUESKER is currently clearly among the top 5 % of all audited companies."**



SoilTain®, Incomat® und Basetrac® are registered trademarks of HUESKER Synthetic GmbH.

HUESKER Synthetic is certified to ISO 9001, ISO 14001 and ISO 50001.



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