

MYTEXTILES



MYTEX

LAMINATE, TILES & BLOCKS

• CUSTOM-MADE • HYBRID • SAFEGUARD Technology[®]

MYTEX. MAXIMUM YIELD TEXTILE

MYTEX

MAXIMUM INDIVIDUALITY - HIGHEST EFFICIENCY

Be independent in choosing your configuration and setup of your own submerged membrane modules. Thanks to the extensive configurability, a solution can be found for almost all application challenges you can think of. **MYTEX** is simple convincing.

MYTEXLAMINATE

The MYTEX laminate is exactly what you need: a high-strength, robust and durable laminated textile.

It is absolutely pressure resistant to vacuum and cannot be damaged even at the maximum possible suction pressure.

The MYTEXLAMINATE, a patented design, can be produced using any commercially available flat sheet membrane, so that an application-oriented membrane selection is possible.

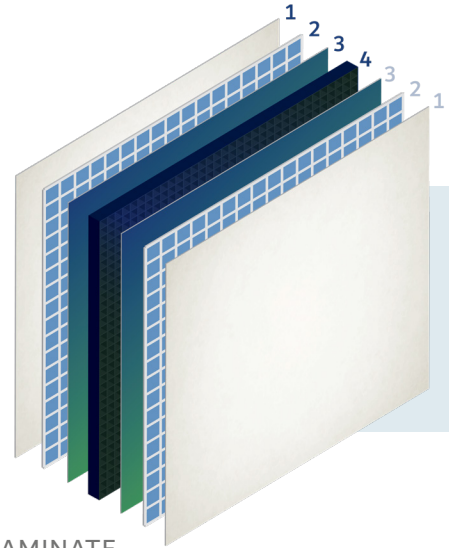
Due to its hybrid properties, the laminate is flexible and backwashable and has a high degree of free volume within the drainage layer. The free volume can be used to deposit reactive substances for advanced treatment processes integrating further downstream processes in one step.

SAFEGUARD Technology® ensures the retention of biomass even if the membrane is severely damaged. As the biomass cannot pass the multilayer laminate, the retained biomass blocks the spot of damage and forms a secondary filtration layer which safely rejects any biomass. High turbidity or suspended solids in the permeate will be prevented.

MYTEXTILES

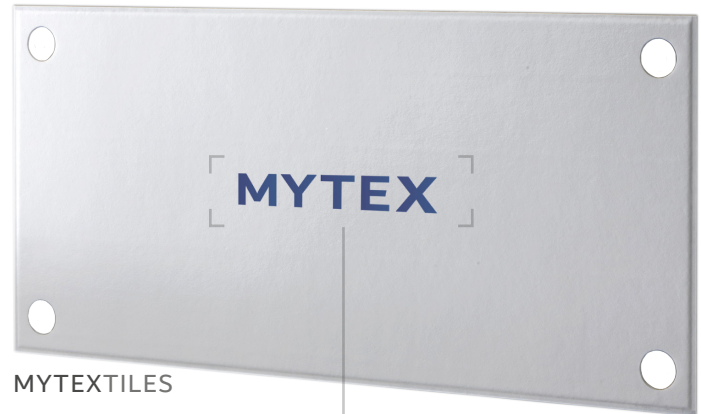
Based on the MYTEX laminate technology, we can manufacture application related, customized MYTEXTILES. Every size or format as starting element for your own membrane block is possible. You can also choose the position and size of your permeate extraction point.

Our 2-step process for sealing the corners (Ultrasonic welding and high-tech gluing) ensures a 100% long-term leak proof joint. In addition, the mechanical stability of the corners is increased against accidental events, e.g. during installation.



MYTEXLAMINATE

1 Membrane | 2 Carrying layer | 3 Adhesive fabric
4 Drainage layer



MYTEXTILES

YOUR LOGO

Your Product – Your Branding!

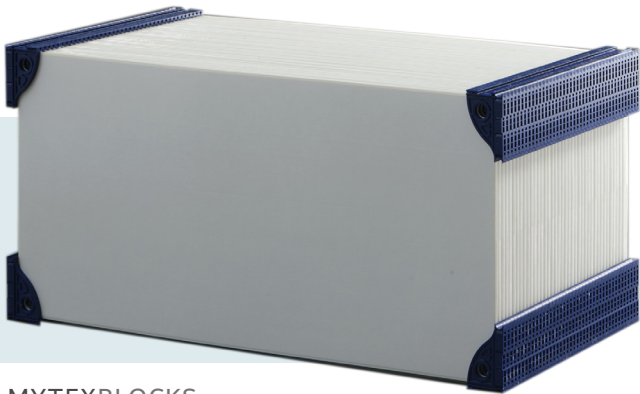
We are happy to individualize your laminates with the logo of your company. With pleasure we deliver your complete MYTEXBLOCKS in other colour combinations, suiting your CI, e.g. blue-white, green-white, red-white, orange-white, ...

Please get in touch!

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MAXIMUM YIELD TEXTILE **MYT**

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MYTEXBLOCKS

MYTEXBLOCKS

Based on your MYTEXTILE configuration, we build your individual MYTEXBLOCK.

The stackable and self-supporting membrane blocks allow highest packing density and absolute modularity. Size and weight allow manual handling, which is especially advantageous when space is limited.

The number of individual sheets of your MYTEXBLOCK can be freely determined and is variable by 1 sheet in each dimension. Individual sheets can be replaced if required.

Clearly defined crossflow channels ensure effective cleaning through air bubble induced crossflow. Short distances to the permeate suction ports allow for uniform permeate and also chemically enhanced backwash.

These advantages make MYTEXBLOCKS the most service friendly membrane blocks on the market.

MYTEX

THE MYTEX MODULE SYSTEM ADVANTAGES AT A GLANCE

IN USE

- patented, textile based multilayer laminate
- semi-flexible, backwashable and robust
- SAFEGUARD Technology[®]
- free choice of the membrane material such as manufacturer, selectivity, pore size and material
- durable and absolute reliable
- highly pressure stable design, indestructible even with filtration pressure close to vacuum
- 100% long-term leak proof
- resistant against mechanical impacts
- customizable in size and form
- modular and stackable
- high packing density
- open from all sides
- easy to handle
- low replacement costs
- single sheet replacement

AS DISTRIBUTOR

- ← Unique sales arguments
- world leading technology product
- white labeling (your logo, your color)

WTA TECHNOLOGIES GmbH

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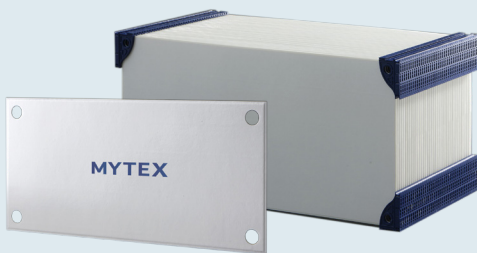
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WE LIVE FILTRATION



MYT

MAXIMUM INDIVIDUALITY

SPECIFIED ACCORDING TO YOUR NEEDS

SELECT SHEET MEMBRANE SUPPLIER

SELECT MEMBRANE SELECTIVITY & PORE SIZE

- Full Micro- and Ultrafiltration range is possible

SELECT MEMBRANE MATERIAL

- PES, PVDF, or others

DEFINE YOUR SIZE AND FORMAT OF MEMBRANE TILES/SHEETS

DEFINE YOUR SIZE AND FORMAT OF MEMBRANE BLOCKS

Make your MYTEX as you need it.

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