**TRAKETCH® Analytic Membranes**

We develop and manufacture a complete range of microporous track etched membranes. Our production process is controlled in-line for a constant and reproducible quality. Being a surface filter with exactly defined pore diameters TRAKETCH® Discs are commonly used in biotechnology, environmental, pharma and diagnostic applications.

TRAKETCH® Discs are standard in either polyester or polycarbonate and are hydrophilic. TRAKETCH® Discs are available in various disc sizes: 13, 25 and 47 mm diameter. Customization is available upon request.

**The company**

We are a leading system provider of microporous filter membranes and injection molded components. Founded in 1958 by the Sander-Beuermann family, we have two plants in Germany today and are part of the family owned Altenloh, Brinck & Co. Group with above 1,600 employees around the world and combined sales of more than $370 million.

**Benefits**

- High chemical resistance
- Good thermal stability
- Extremely low levels of extractables
- Low levels of non-specific protein binding
- Low affinity for stains resulting in high optical contrast and visibility
- Non-hygroscopic
- Biologically inert
- 100% controlled quality

**Application examples**

- Environmental analyses
- Cell biology
- Rapid microbiology
- Micro filtration
- In vitro diagnostics assays
- Epifluorescence microscopy
- Solid phase cytometry
- Particle analysis
- Gravimetric analysis
## Product program

### Additional capabilities

<table>
<thead>
<tr>
<th>Pore size:</th>
<th>0.08 to 20 µm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pore density</td>
<td>1.0 E+04 to 5.0 E+09 pores per cm²</td>
</tr>
<tr>
<td>Membrane thickness:</td>
<td>8 to 36 µm</td>
</tr>
<tr>
<td>Other dimensions:</td>
<td>E.g. 19, 37, 50, 76, 142, 293 mm or sheets and slit rolls</td>
</tr>
</tbody>
</table>

### General specifications

- USP class VI tested
- FDA and EU food approved
- Hydrophilic
- Sterilizable (Autoclave, EtO, E-Beam, Gamma irradiation)
- Max. operation temperature 140°C (284°F)
- No leachables and extractables
- No fibre shedding
- Non-hygroscopic
- Produced under clean room conditions

### Surface modification

- Hydrophilic
- TC treated
- Hydrophobic
- Oleophobic

### Sterilization possibilities

- Autoclavable
- ETO sterilizable
- E-Beam sterilizable
- Gamma sterilizable

### Colors

- Black
- Translucent (White)
- Transparent (Clear)
- Gold
- Titanium

All items are packed in boxes containing 100 discs. Other items and customized products upon request.

<table>
<thead>
<tr>
<th>Material</th>
<th>Disc diameter</th>
<th>Item number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC</td>
<td>13 mm</td>
<td>091 810</td>
</tr>
<tr>
<td></td>
<td>25 mm</td>
<td>093 810</td>
</tr>
<tr>
<td></td>
<td>47 mm</td>
<td>094 810</td>
</tr>
<tr>
<td>PET</td>
<td>13 mm</td>
<td>091 250</td>
</tr>
<tr>
<td></td>
<td>25 mm</td>
<td>093 250</td>
</tr>
<tr>
<td></td>
<td>47 mm</td>
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</tr>
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