



TRAKETCH® Discs

Microporous Analytic Membranes

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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





Pore diameter		0.1 µm	0.2 µm	0.4 µm	0.8 µm	1.0 µm	3.0 µm	5.0 µm	8.0 µm	10.0 µm
Material	Disc diameter	Item number								
PC	13 mm	091 810	091 210	091 200	091 600	091 610	091 240	091 230	091 220	091 830
	25 mm	093 810	093 210	093 200	093 600	093 610	093 240	093 230	093 220	093 830
	47 mm	094 810	094 210	094 200	094 600	094 610	094 240	094 230	094 220	094 830
PET	13 mm	091 250	091 100	091 050	091 080	091 070	091 030	091 370	091 360	091 820
	25 mm	093 250	093 100	093 050	093 080	093 070	093 030	093 370	093 360	093 820
	47 mm	094 250	094 100	094 050	094 080	094 070	094 030	094 370	094 360	094 820






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

Additional capabilities	
Pore size:	0.08 to 20 µm
Pore density	1.0 E+04 to 5.0 E+09 pores per cm ²
Membrane thickness:	8 to 36 µm
Other dimensions:	E.g. 19, 37, 50, 76, 142, 293 mm or sheets and slit rolls

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

Other colors upon request.