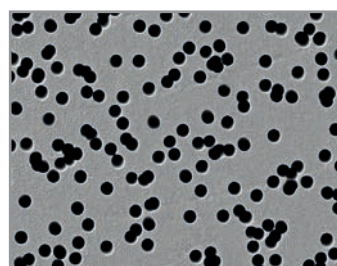
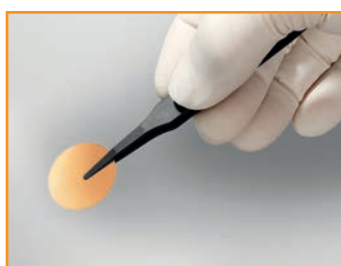




Lab/Pharma

i3 TrackPor

Gold-coated Polycarbonate membrane



The gold-coated track-etched membrane made of polycarbonate allow almost 100 percent surface filtration. The core pore filter is particularly suitable for particle analysis. This includes measurements of indoor and outdoor air on inorganic fibers, such as asbestos, in accordance with the VDI guidelines. Measurements of dusts and powders can also be carried out easily with the core pore filter. The i3 TrackPor membrane is also used for asbestos analysis of plaster, fillers and paints. Due to the very flat surface and the tunnel-shaped pores, the particles remain on the smooth surface of the i3 TrackPor membrane and can be analyzed microscopically.

Features

- Particle analysis by SEM/EDX
- Testing for technical cleanliness
- Identification of fibrous particles such as asbestos (ISO 14966, VDI 3492, VDI 3877, VDI 3866, VDI 3861, BIA 7487)
- Counting of nano particles
- High contrast in SEM
- Gold-coated on both sides (40/20 nm)

Your Companion
Life Science Filtration

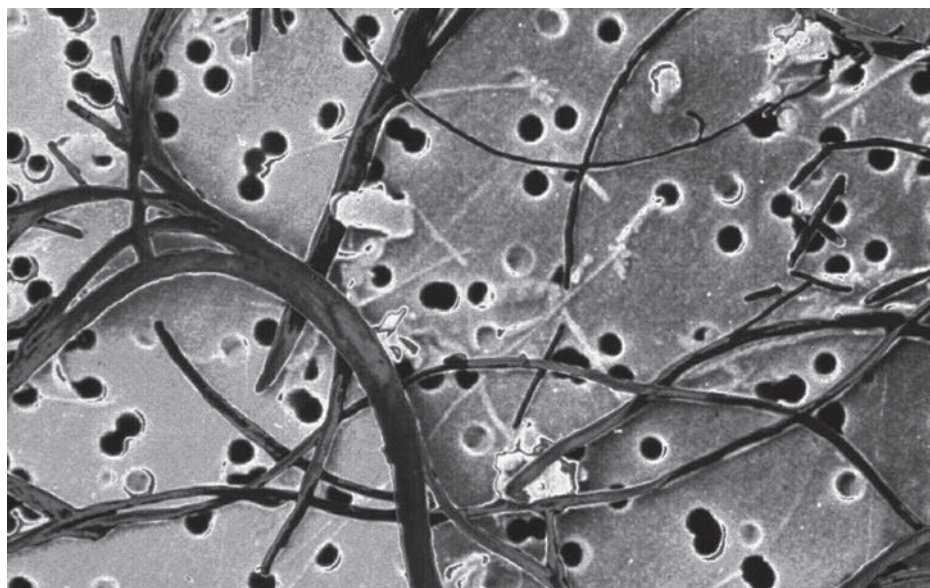


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Technical data

Pore size	0.1 µm	0.2 µm	0.4 µm	0.8 µm
Membrane material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
Pore density (cm ⁻²)	6.00 E + 08	3.40 E + 08	1.00 E + 08	4.00 E + 07
Membrane thickness (µm)	25	18	18.5	24
Gold-coating (top/down)	40/20 nm	40/20 nm	40/20 nm	40/20 nm
Diameter (mm)	13/25/30/37/45/47	13/25/30/37/45/47	13/25/30/37/45/47	13/25/30/37/45/47

REM sample (asbestos particles on i3 TrackPor)



Order information (art. no. 201-01010-pore size + diameter)

Pore size / diameter	13 mm	25 mm	30 mm	37 mm	45 mm	47 mm
i3 TrackPor 0.1 µm (art. no.)	201-01010-0113	201-01010-0125	201-01010-0130	201-01010-0137	201-01010-0145	201-01010-0147
i3 TrackPor 0.2 µm (art. no.)	201-01010-0213	201-01010-0225	201-01010-0230	201-01010-0237	201-01010-0245	201-01010-0247
i3 TrackPor 0.4 µm (art. no.)	201-01010-0413	201-01010-0425	201-01010-0430	201-01010-0437	201-01010-0445	201-01010-0447
i3 TrackPor 0.8 µm (art. no.)	201-01010-0813	201-01010-0825	201-01010-0830	201-01010-0837	201-01010-0845	201-01010-0847

Additional configurations available on request

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Certification of the quality management system according to DIN EN ISO 13485:2016 and DIN EN ISO 9001:2015

