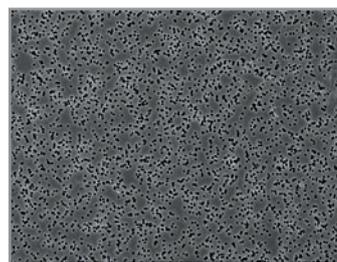
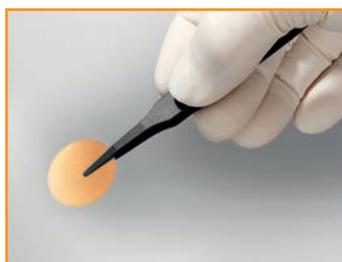




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## i3 TrackPor M

Asbestos air monitoring cassette



i3 TrackPor M is a single-use monitoring device for asbestos analysis. This ready-to-use device has a gold-coated polycarbonate membrane (0.8  $\mu\text{m}$  and a diameter of 25 mm) which makes it easier to investigate asbestos particles in ambient air. To measure the amount of respirable asbestos fibers in the air, particle measurement is carried out as specified by VDI guideline 3492. This involves attaching a monitoring device with a filter membrane to a sampling device. The air is then sucked through the monitoring device as specified. Asbestos particles settle on the i3 TrackPor membrane. Afterwards, the membrane is removed from the single-use monitoring device and the dust lying on it is burnt. The asbestos fibers can now be counted under a scanning electron microscope (SEM).

### Features

- Effective asbestos air sampling
- Identification of fibrous particles such as asbestos (ISO 14966, VDI 3492, VDI 3861)
- Counting of nano particles
- Particles remain on the membrane surface and may well be analysed by SEM
- i3 TrackPor M contains an i3 TrackPor membrane (pore size 0.8  $\mu\text{m}$ , gold-coating 40/20 nm, diameter 25 mm) and support layer
- Cassette of conductive Polypropylene

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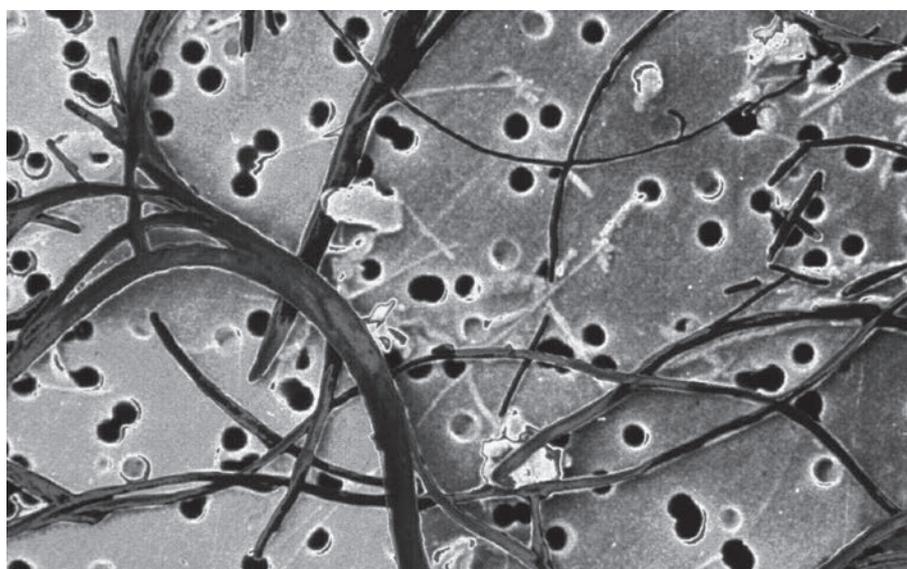
## Technical data membrane

Pore size	0.2 µm	0.4 µm	0.8 µm
Membrane material	Polycarbonate	Polycarbonate	Polycarbonate
Pore density (cm <sup>-2</sup> )	3.40 E + 08	1.00 E + 08	4.00 E + 07
Membrane thickness (µm)	18	18.5	24
Gold-coating (top/down)	40/20 nm	40/20 nm	40/20 nm
Diameter (mm)	25	25	25

## Technical data air monitoring cassette

Weight	14 g
Height	85 mm
Diameter	29 mm
Material of support layer	Cellulose
Thickness of support	0.66 mm
Diameter of support layer	25 mm
Material cassette	Polypropylene conductive

## REM sample (asbestos particles on i3 TrackPor M membrane)



## Order information

i3 TrackPor M 0.2 µm (art. no.)	201-01011-0225
i3 TrackPor M 0.4 µm (art. no.)	201-01011-0425
i3 TrackPor M 0.8 µm (art. no.)	201-01011-0825
Packaging unit	50 pcs.



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