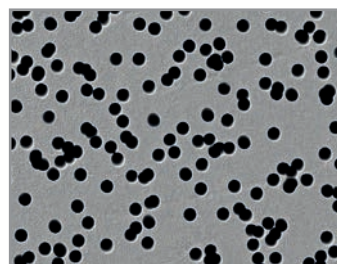
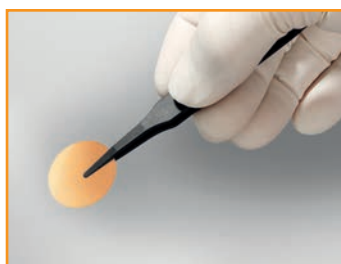




Lab/Pharma

## i3 TrackPor P

Gold-coated polyester membrane



Gold-coated i3 TrackPor P membrane is used for identifying and characterizing micro- and nanoparticles in pharmaceutical liquids and technical cleanliness. It delivers an optimal reflection in Fourier Transform Infrared (FTIR) microscopy and Raman spectroscopy and form a suitable, conductive surface for imaging in scanning electron microscopy (EDX/WDX). This track-etched membrane is distinguished by its particularly smooth and even surface. The polyester membrane with a gold-coating of 100/0 nm permits filtration of all organic and inorganic particles and is stable in a liquid medium for longer filtration period.

### Features

- Particle analysis by SEM/EDX, FTIR microscopy and Raman spectroscopy
- Identification and characterization of micro- and nanoparticles in pharmaceutical fluids and chemical auxiliary agents
- Testing for technical cleanliness in accordance with ISO 16232 and VDA 19
- Stable in liquid medium for longer filtration periods
- High contrast in SEM, FTIR microscopy and Raman spectroscopy
- Gold-coated on top side (100/0 nm)

Your Companion  
Life Science Filtration

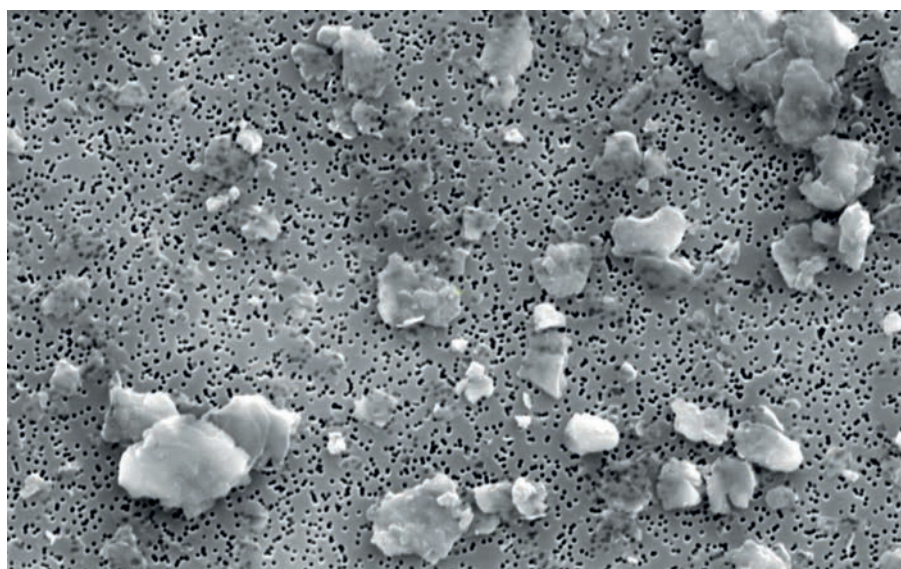


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### Technical data

Pore size	0.8 µm	3.0 µm	5.0 µm
Membrane material	polyester	polyester	polyester
Pore density (cm <sup>-2</sup> )	4.00 E + 07	3.00 E + 06	4.00 E + 05
Membrane thickness (µm)	22	20	19
Gold coating (top/down)	100/0 nm	100/0 nm	100/0 nm
Diameter (mm)	13/25/30/37/45/47	13/25/30/37/45/47	13/25/30/37/45/47

### REM (particles on i3 TrackPor P membrane)



### Order information (art. no. 201-12020-pore size + diameter)

Pore size / diameter	13 mm	25 mm	30 mm	37 mm	45 mm	47 mm
i3 TrackPor P 0.8 µm (art. no.)	201-12020- <b>0813</b>	201-12020- <b>0825</b>	201-12020- <b>0830</b>	201-12020- <b>0837</b>	201-12020- <b>0845</b>	201-12020- <b>0847</b>
i3 TrackPor P 3.0 µm (art. no.)	201-12020- <b>3013</b>	201-12020- <b>3025</b>	201-12020- <b>3030</b>	201-12020- <b>3037</b>	201-12020- <b>3045</b>	201-12020- <b>3047</b>
i3 TrackPor P 5.0 µm (art. no.)	201-12020- <b>5013</b>	201-12020- <b>5025</b>	201-12020- <b>5030</b>	201-12020- <b>5037</b>	201-12020- <b>5045</b>	201-12020- <b>5047</b>

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

