

Membrane filter

Membrane filters are designed for air filtration and ventilation applications where small and light filters are particularly important. Each filter capsule contains a PTFE membrane that is inherently hydrophobic and chemical resistant. This membrane is designed to separate bacteria, viruses and particles from air and gas streams, even in wet and damp conditions.

In conjunction with personal protective equipment, these membrane filters can be used as a so-called police filter inside the suits.

The absolute performance of these filters is 0.2 μm , based on the deposition of microorganisms, resp. 0.003 μm for gases.

- Emflon PFR membrane with high retention rate
- High resistance against autoclaving and long filter life
- Validated in liquids with *Brevundimonas diminuta* (ATCC19146) with a load of 10^7 organisms / cm^2 filter area.
- Filter area: 280 cm^2 .
- Membrane of hydrophobic PTFE.
- Capsule of Polypropylen (PP).
- Max. operation pressure: 4.1 bar at +38°C.
- Autoclaving at 125°C: 20 cycles per 30 minutes.
- Connection for hoses with diameter 6 - 13 mm.
- 1 packing unit = 3 pcs. of filters



Item no.	Description
114894	Membrane filter Mini Emflon PFR for protective suit URANUS