

SEFAR® CleanDisc

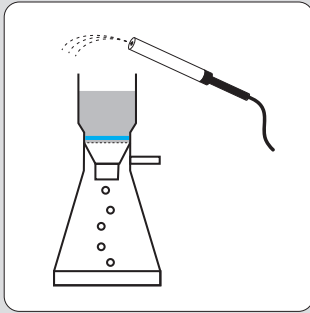
Inspection of Technical Cleanliness



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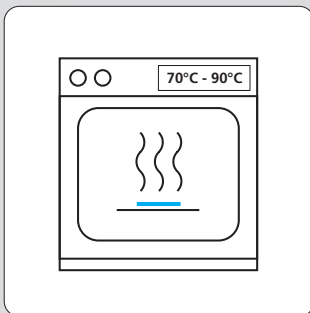
SEFAR® CleanDisc System – Mesh filter

Modern laboratories are using mesh filters to perform the Inspection of Technical Cleanliness according VDA 19-1 & ISO 16232.



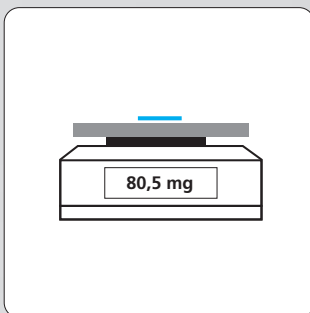
Extraction and Filtration

- Good chemical compatibility when using common extraction liquids.
- Increase of throughput rate and defined particle retention rate, in comparison to membranes.



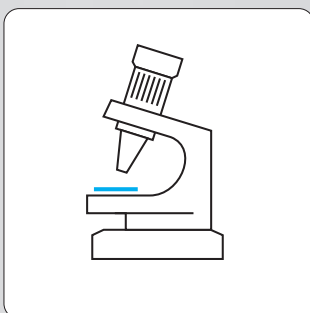
Drying

- Improved flatness and reduced rolling behavior by selecting the appropriate polymer type (PET recommended) adaption of drying time and temperature.
- PET: max. 30 min@ 90°C/194°F
- PA: max. 30 min@ 70°C/158°F



Gravimetical Analysis

- Polyester offers less humidity absorption behavior compared to Nylon (PA) or cellulose membranes.
- Performing gravimetical analysis, Polyester is of advantage, as it is less sensitive to temperature or humidity fluctuations.



Light optical analysis

- Mesh filters have a lower filter occupancy compared to membranes, which improves the analyzability.
- Yellow mesh filters allow the detection of white particles and increase the contrast of dark particles.



used for Inspection of Technical Cleanliness

Clean, safeguarded and easy to handle mesh filter, dispensed to directly perform a technical cleanliness analysis.



SEFAR® **CleanDisc** Dispenser

- Easy and single withdrawal of the filter disc.
- Enclosed design avoids cross contamination from the environment.
- Storage in a safeguarded environment, according to the norm.



SEFAR® **CleanDisc** Cassette

- Easy exchangeable cassettes allow operating one dispenser with various cassettes.
- Clear identification of the operated mesh filter type displayed on the label e.g. 5 µm PET mesh filter.



SEFAR® **CleanDisc** mesh filter

- The safety foil secures the level of cleanliness until usage.
- Mesh filter openings correspond to the defined particle size classes in the norm.
- Laser cut edges avoid fraying edges and loose yarn threads.
- Produced in cleanroom conditions.



SEFAR® **CleanDisc** order options

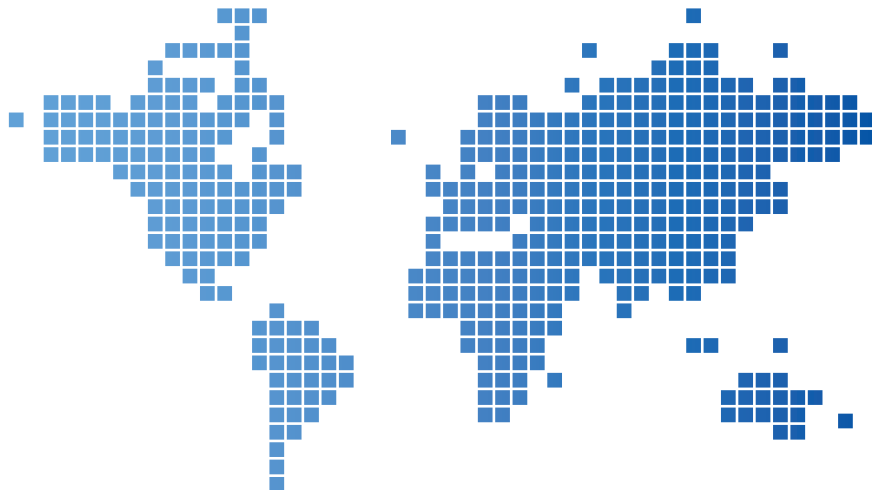
- Filter mesh opening [µm]: 1, 5, 8, 10, 15, 20, 40, 50, 80, 100, 150
- Diameter: 47 mm or 25 mm
- Material: PET or PA (Nylon)
- Color: white (yellow on request)
- Package size: 200 or 600 pieces



CleanDisc@sefar.com

Developed with experts,

tested by users.



Sefar Worldwide

Sefar is the leading manufacturer of monofilament precision fabrics for filtration and screen printing applications. Sefar products are used in a wide variety of industries, reaching from electronics, medical, automotive, aerospace, food, water, pharmaceutical and graphics to chemicals, fertilizers and minerals. With its profound understanding of the applications, Sefar helps its customers to achieve optimum results in their industrial processes. With subsidiaries and representatives around the world, Sefar offers its customers the comprehensive, global support they need.

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Please consult the current local product data sheet prior to any use.

