

## Whatman Anodisc Circle with Support Ring



Anopore inorganic membranes (Anodisc), circles, with support ring

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- High pore density and narrow pore size distribution make it an extremely precise membrane.
- Wide solvent compatibility reduces the need to stock a variety of membranes in the laboratory.
- No additives used in the manufacturing process ensures minimal extractables and no sample contamination.

- Extremely low protein binding minimizes sample loss.
- Virtually transparent when wet making it highly suitable for microscopy studies.

Anopore inorganic membrane (Anodisc) is well suited for a wide range of laboratory filtration applications. This novel material has a precise, nondeformable honeycomb pore structure with no lateral crossovers between individual pores, that filters at precisely the stated cut-off, allowing no larger sized particles to pass through the membrane. Anopore inorganic membrane is composed of a high-purity alumina matrix that is manufactured electrochemically. The membrane also exhibits low protein binding, has minimal autofluorescence, is nontoxic, and supports cellular growth.

## Product Specifications

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Anodisc Circle with Support Ring, 25 mm, 0.2 µm pore size

Parameter	Anodisc Circle with Support Ring, 25 mm, 0.2 µm pore size
Application	HPLC mobile phase filtration and degassing Ultra cleaning of solvents Gravimetric analysis Liposome extrusion Scanning electron microscopy studies Bacterial analysis by epifluorescence light microscopy Micrometer and nanometer filtration Metal nanorods formation
Autoclavable	No
Construction Process	Thermal weld
Hydrophilic	Yes
Material	Aluminum oxide
Membrane Type	Anodisc 25
Operating temp. max.	40 °C

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Porosity Max.	50%
Porosity Min.	25%
Protein Adsorption	Low
Refractive index	1.6
Solvent Resistance	Very good
Support Ring	Yes
Support Ring Material	Polypropylene (PP)
Pore Size	0.2 µm
Diameter	25 mm

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