

Capsule panel

Description

The Capsule Panel filter capsules are designed for simple, quick, and efficient filtration of fluids and gases used in laboratory, pilot, and small-scale applications. The PES membrane in an all-polypropylene construction provides excellent chemical compatibility and superior flow per unit area as compared to other membrane cartridges. No adhesives, binders, or surfactants are used in the manufacturing process and all capsules are rinsed with high-purity water to reduce extractables and downtime. All filter capsules are 100% integrity tested to ensure filter performance each and every time out of the package.

Specification

Micron Rating :0.03, 0.1, 0.2, 0.45, 1.2µm

Material of Construction:

Medium: PES Membrane

Support, shell, drainage, core and caps: 100% polypropylene

Length: 114mm (4.5inches), 173mm (6.8inches)

Outer Diameter: 72mm (2.83inches)

Toxicity:

Complies with USP XXI Class VI for plastics

Non-toxic per WI-38 Human Cell Cytotoxicity Test

All materials meet FDA regulations for food contact

Operation Conditions

Maximum temperature: 93°C(200°F)

Maximum differential: 5kg/cm² (70 psid) @ 20°C (68°F)

Benefits and Features

Sealing method: thermal welding, eliminating adhesive extractable

Manufactured in cleanroom

Vent at highest location

Drain at lowest location

O-ringless design

