



Pall Corporation

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## AcroPak™ 20 Filters With Supor® EKV Membrane

### Description

#### Designed for Convenient Small- and Medium-Volume Filtration

- ▶ Built-in MachV asymmetric prefilter layer for maximum flow and throughput performance
- ▶ Disposable for reduced labor and associated costs
- ▶ Significantly reduces the cost of repeat testing when scaling up your filtration system



### Application

- ▶ Ideal for filtering aqueous solutions, cell culture media, and serum
- ▶ Small- to medium-volume sterile filtration, typically up to 2 L
- ▶ Suitable for use with fluids containing dilute proteins, preservatives, or other critical components
- ▶ Sterile filtration of media and buffers

### Specifications

#### Materials of Construction

- ▶ Filter Media: Supor EKV [hydrophilic polyethersulfone (PES)] membrane
- ▶ Housing, Vent Plug, and Support Material: Polypropylene
- ▶ Filling Bell: Polycarbonate
- ▶ Sealing Technology: Thermal bonding without adhesives

#### Pore Size

- ▶ 0.2  $\mu\text{m}$

#### Effective Filtration Area

- ▶ 20  $\text{cm}^2$

#### Dimensions

- ▶ Housing Length: 8.3 cm (3.3 in.)
- ▶ Housing Diameter: 6.7 cm (2.7 in.)

#### Inlet/Outlet Connections

- ▶ Stepped hose barbs 6.4 - 12.7 mm (1/4 - 1/2 in.) diameter with female slip luer ID in the hose barb

#### Typical Hold-Up Volume (with 10 psi air purge)

- ▶ < 2.5 mL

#### Maximum Operating Temperature

- ▶ 60 °C (140 °F) at 1.0 bar (100 kPa, 15 psi)

#### Maximum Operating Pressure

- ▶ 4.1 bar (410 kPa, 60 psi) at 21 - 24 °C (70 - 75 °F)

#### Recommended Integrity Test Minimum Bubble Point - Water

- ▶ 3.32 bar (332 kPa, 48 psi)

#### Bacterial Retention

- ▶ Lot samples retain a minimum of  $10^7$  cfu/cm<sup>2</sup> of *B. diminuta* per modified ASTM F838, current revision

### Endotoxin Level

- ▶ < 0.25 EU/mL using Limulus Amoebocyte Lysate (LAL) test

### Biological Safety

- ▶ Passes United States Pharmacopeia (USP) Biological Reactivity Test, *In Vivo* <88>

### Sterilization

- ▶ Can withstand one autoclave cycle at 125 °C (257 °F) for 60 minutes; water wet capsule prior to autoclaving
- ▶ PN 12247 is sterilized by gamma irradiation and individually packaged

### Related Products

- ▶ [AcroPak 200 Capsules With Supor EKV Membrane](#)
- ▶ [AcroPak 400, 800, and 1500 Capsules With Supor EKV Membrane](#)

### Ordering Information

| Part Number                                       | Description              | Pkg   | Price | Qty                            |
|---|--------------------------|-------|-------|--------------------------------|
| <b>AcroPak 20 Filters With Supor EKV Membrane</b> |                          |       |       |                                |
| 12246   | 0.2 µm, non-sterile      | 3/pkg | NA    | <input type="text" value="0"/> |
| 12247   | 0.2 µm, gamma-irradiated | 3/pkg | NA    | <input type="text" value="0"/> |

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### Contact Information

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