



Pall Corporation

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## Sterile Acrodisc® Syringe Filters with HT Tuffryn® Membrane

### Description

#### Proven performance in critical applications

- ▶ Suitable for dilute biological fluids.
- ▶ Low protein binding membrane.
- ▶ Sterilized by gamma irradiation to eliminate potential contamination by EtO residuals.
- ▶ Certified non-pyrogenic and biologically safe.
- ▶ Available non-sterile for analytical preparation of biologicals.



### Application

- ▶ Sterile products ideal for applications using dilute solutions of critical compounds.

### Specifications

#### Materials of Construction

Filter Media: HT Tuffryn membrane (polysulfone)

Housing: 13 mm: Polypropylene

25 mm: Modified acrylic

#### Effective Filtration Area

13 mm: 1.0 cm<sup>2</sup>

25 mm: 2.8 cm<sup>2</sup>

#### Inlet/Outlet Connections

13 and 25 mm: Female luer-lok inlet, standard male slip luer outlet

#### Typical Hold-up Volume

(with air purge)

13 mm: < 10 µL

0.2 µm, 25 mm: < 40 µL

0.45 µm, 25 mm: < 30 µL

#### Maximum Operating Temperature

13 and 25 mm: 55 °C (131 °F)

#### Maximum Operating Pressure

13 and 25 mm: 5.2 bar (520 kPa, 75 psi)

#### Typical Water Flow Rate

*mL/min at 3.1 bar (310 kPa, 45 psi)*

0.2 µm, 13 mm: 12

0.2 µm, 25 mm: 110

0.45 µm, 25 mm: 250

#### 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

Sterilized by gamma irradiation and individually packaged. PN 4496, 4214, 4497, and 4784 provided non-sterile.

## Related Products

- ▶ Capsules with HT Tuffryn® Membrane
- ▶ HT Tuffryn® Polysulfone Membrane Disc Filters

## Ordering Information

Part Number	Description	Pkg	Price	Qty
<b>Acrodisc Syringe Filters with HT Tuffryn Membrane, Sterile</b>				
4454	0.2 µm, 13 mm, sterile	75/pkg	NA	<input type="text" value="0"/>
4192	0.2 µm, 25 mm, sterile	50/pkg	NA	<input type="text" value="0"/>
4184	0.45 µm, 25 mm, sterile	50/pkg	NA	<input type="text" value="0"/>
<b>Acrodisc Syringe Filters with HT Tuffryn Membrane, Non-sterile</b>				
4496	0.2 µm, 25 mm	75/pkg, 300/cs	NA	<input type="text" value="0"/>
4214	0.2 µm, 25 mm	1000/pkg	NA	<input type="text" value="0"/>
4497	0.45 µm, 25 mm	75/pkg, 300/cs	NA	<input type="text" value="0"/>
4784	0.45 µm, 25 mm	1000/pkg	NA	<input type="text" value="0"/>

## Contact Information

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