

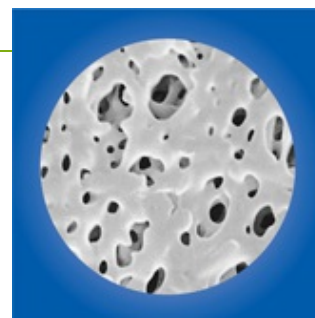


HT Tuffryn® Polysulfone Membrane Disc Filters

Description

Proven Performance in Critical Applications

- ▶ Durable and easy to handle
- ▶ Withstands high temperature applications
- ▶ Versatile - Useful for a wide range of applications
- ▶ Chemically compatible with harsh aqueous solutions and alcohols
- ▶ May be sterilized by autoclaving



Application

- ▶ Ideal for biological, pharmaceutical, and sterilizing filtration requirements
- ▶ For use in disc holders
- ▶ Suitable for applications requiring low protein binding; maximizes recovery of critical media components

Specifications

Filter Media

- ▶ Hydrophilic polysulfone

Pore Size

- ▶ 0.2 and 0.45 μm

Diameter

- ▶ 25 - 293 mm

Typical Thickness

- ▶ 0.2 μm : 152 μm (6.0 mils)
- ▶ 0.45 μm : 145 μm (5.7 mils)

Typical Water Flow Rate

- ▶ mL/min/cm² at 0.7 bar (70 kPa, 10 psi)
- ▶ 0.2 μm : 14
- ▶ 0.45 μm : 33

Maximum Operating Temperature - Water

- ▶ 121 °C (250 °F)

Extractables - Boiling Water

- ▶ < 3.5%

Minimum Bubble Point - Water

- ▶ 0.2 μm : 2.5 bar (250 kPa, 36 psi)
- ▶ 0.45 μm : 1.5 bar (150 kPa, 22 psi)

Biological Safety

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

Sterilization

- ▶ Provided non-sterile

- ▶ Autoclavable if desired

Performance

Related Products

- ▶ 25 mm In-line Filter Holder, Delrin* Plastic
- ▶ 47 mm In-line Filter Holder, Polycarbonate
- ▶ 25 and 47 mm In-Line Filter Holders, Stainless Steel
- ▶ 47 mm In-line Filter Holder, Aluminum
- ▶ Stainless Steel Forceps
- ▶ Vacuum/Pressure Pumps
- ▶ 142 & 293 mm Disc Holders, Stainless Steel

Ordering Information

Part Number	Description	Pkg	Price	Qty
HT Tuffryn 200 Membrane Disc Filters, 0.2 µm				
66197	25 mm	100/pkg	NA	<input type="text" value="0"/>
66199	47 mm	100/pkg	NA	<input type="text" value="0"/>
66204	142 mm	25/pkg	NA	<input type="text" value="0"/>
66205	293 mm	25/pkg	NA	<input type="text" value="0"/>
HT Tuffryn 450 Membrane Disc Filters, 0.45 µm				
66221	25 mm	100/pkg	NA	<input type="text" value="0"/>
66223	47 mm	100/pkg	NA	<input type="text" value="0"/>
66228	142 mm	25/pkg	NA	<input type="text" value="0"/>
66229	293 mm	25/pkg	NA	<input type="text" value="0"/>

Contact Information

Pall Office(s)

World Headquarters
 25 Harbor Park Drive
 Port Washington, NY 11050
 USA
 Phone: (516) 484-3600
 Alternate Phone: **1-800-289-7255**
 Fax: (516) 801-9754
[Driving Directions](#)
[Map](#)

Distributor(s)

VWR International
 1310 Goshen Parkway
 West Chester, PA 19380
 USA
 Phone: 800.932.5000
 Phone: 610.431.1700

Fax: 610.436.1760

Web: <http://www.vwrsp.com/>

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