

Hall Pyke



Capsule Filtration

Microdisc™ 5PS

The SMART choice for filtration

LifeASSURE™ PDA continued...

Disposable Gamma-Compatible and Sterile filter capsules

For critical applications where convenience and ease of use are desired, LifeASSURE PDA filters are available in 2.5", 5", 10", 20" and 30" disposable capsules. The capsules are supplied with sanitary vent and drain ports as well as 1 1/2" sanitary flange connections. The 2.5" and 5" mini-capsules are available with your choice of 1/2" (13 mm) hose barb inlet/outlet connections or 1.5" sanitary flange connections. The capsules eliminate the steps associated with assembling, cleaning and validating stainless steel housings, thus providing maximal ease-of-use and significant cost saving. All capsules are available in both gamma-compatible and sterile formats. Gamma-compatible capsules are compatible with autoclaving or gamma-irradiation up to 45 KGy. Sterile filter capsules are ready for use without further sterilisation.

Features	Benefits
<ul style="list-style-type: none"> Robust double membrane layer filter construction 	<ul style="list-style-type: none"> Exceptionally high contaminant capacity and fast flow rates for long on-stream life and maximum economy
<ul style="list-style-type: none"> Hydrophilic asymmetric polyethersulfone membrane 	<ul style="list-style-type: none"> Ensures easy wet-out for integrity testing and low protein binding
<ul style="list-style-type: none"> Validated 0.2 µm absolute-rated membrane 	<ul style="list-style-type: none"> Reliable sterilising filtration
<ul style="list-style-type: none"> Filter capsules are available in both gamma-compatible and sterile formats 	<ul style="list-style-type: none"> Eliminates cleaning and cleaning validation step associated with stainless steel housings for maximal ease-of-use
<ul style="list-style-type: none"> 100% Integrity tested prior to release 	<ul style="list-style-type: none"> Ensures consistent performance to specification
<ul style="list-style-type: none"> 21 CFR materials of construction, USP Biological Safety Test for Plastics - Class VI, Validation Guide and Drug Master File (DMF) 	<ul style="list-style-type: none"> Eases validation and regulatory submissions

Microdisc™ 5PS

50mm PTFE Vent Filter

The Microdisc™ 5PS is a hydrophobic vent filter, designed for applications within the pharmaceutical industry.

The Microdisc™ 5PS is a large over-moulded polypropylene disc filter that gives excellent flow rates.

Filter Code

6419

Technical Information

Pressure:	<5bar
Temperature:	From 0°C to 50°C
Housing Material:	Polypropylene
Filter Media:	PTFE 0.01, 0.2, 0.45µm PES 0.2, 0.45µm GF 0.3µm
Micron Rating:	0.01 µm, 0.2µm, 0.3µm, 0.45µm
Connectors:	1/4" and 1/2" Barb 1/4" Jaco®
Dimensions:	Overall Length: 82mm Filter length: 73mm Filter diameter: 50mm



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