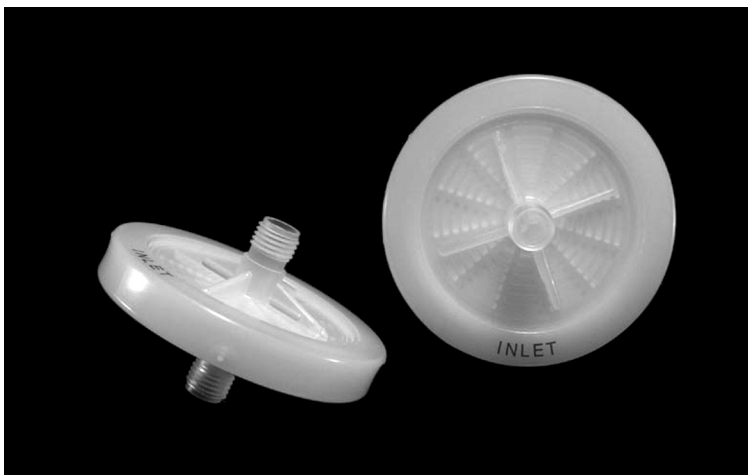


Acro® 50 LCF Filter Assembly



Description

The Acro® 50 Last Chance Filter (LCF) Assembly is designed for the filtration of color resist at the coater, to remove contamination generated by system components, such as pumps and valves. The Acro 50 filter's sturdy construction allows for operating pressures, up to 0.2 MPa. Its rigid housing design prevents internal volume expansion and contraction during pump cycles, resulting in consistent dispense volumes with no passive liquid flow after the pump has stopped.

- Reproducible and accurate output volumes with excellent pump cycle response
- Compact size
- All polypropylene materials
- High efficiency filter media
- Excellent compatibility with LCD color resist chemicals
- Very low hold-up volume minimizes fluid loss during filter change-out
- Fast and easy filter change-out
- High productivity with minimal yield problems

Specifications

Materials

- Medium: Polypropylene
- Housing: Polypropylene

Removal Ratings

- 6 µm, 10 µm

Filter Area

- 19.6 cm² / 3.04 in²

Connections: Inlet/Outlet

- 1/4" Compression seal (Swagelok¹ or compatible)

Dimensions

- Overall Length: 46.9 mm / 1.88 in
- Diameter: 73.6 mm / 2.94 in

Operating Conditions

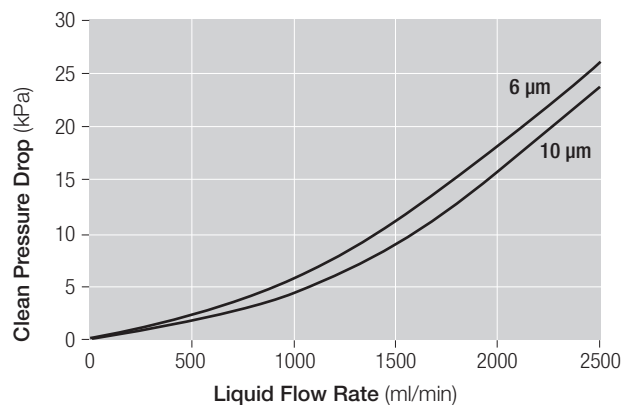
- Maximum Operating Temperature: 80°C
- Maximum Operating Pressure: 0.24 MPa @ 20°C, 0.17 MPa @ 80°C,

Packaging

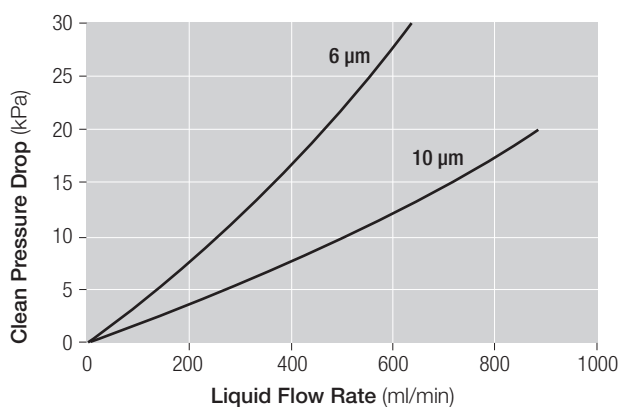
- 1 package: 18 pcs

¹Swagelok is a Registered trademark of Swagelok Co.

Pressure Drop vs. Liquid Flow Rate



Liquid: water at 1 mPa·s (cP)



Liquid: Glycerin solution at 20 mPa·s (cP)

Part Numbers/Ordering Information

| Part Number | Removal Rating (µm) |
|-------------|---------------------|
| 6004202 | 6 |
| 6004203 | 10 |

Specifications and availability: The information provided in this literature was reviewed for accuracy at the time of publication.

Product availability may be subject to change without notice.

For current information, consult your local Pall distributor or contact Pall Corporation directly.



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