



When every drop counts..

Filter Discs

For efficient filtration

D50C Filter Capsules (50 mm diameter) have been specially designed for simple, quick, and efficient filtration of liquids used in laboratory, pilot, and small-scale applications. The small, compact design of the filter capsule also reduces hold-up volume and exposure to hazardous chemicals. No adhesives or binders are used in the encapsulation process. The unit is thermally-sealed to ensure integrity.

APPLICATIONS

- Point of use, low flow filtration
- Syringe filter
- Sample and Small Batch Clarification and Filtration
- Sample and Small Batch Preparation and Clean-Up
- Low hold up volume required application
- Laboratory
- Small scale Filtration testing



TECHNICAL SPECIFICATIONS

Materials of Construction

Filter	PP
O-Rings	Silicone
Sealing	Thermal End Capping
Effective Filtration Area	15.9 cm ² (2.5 in ²)

Operating Conditions PP Shell

Maximum Operating Pressure*	Liquid: 5.5 bar (80 psi) Gas: 4.1 bar (60 psi)
Maximum Forward Differential Pressure*	4.1 bar (60 psi)
Maximum Reverse Differential Pressure*	2.1 bar (30 psi)
Maximum Burst Pressure	8.3 bar (120 psi)
Maximum Operating Temperature	80 °C / 176 °F

* = at 22 °C / 72 °F

Other specifications on request | Subject to change without notice | V.082018