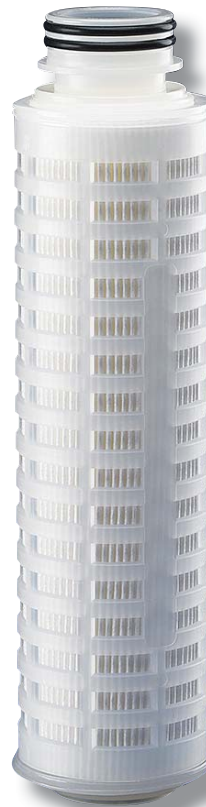


Chemflow[®]-PE

Chemically-resistant cartridge for bulk and lower temperature applications

The Chemflow[®]-PE filter cartridge uses a PTFE membrane along with HDPE supports that provide an economical alternative to all-fluoropolymer cartridges. It provides a high degree of retention and cleanliness along with good flow and lifetime. This filter is ideally suited for bulk chemical delivery and lower temperature wet processes (<60°C). It is available dry or wet-packed for quick installation.



Contact Information

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www.parker.com/processfiltration

Benefits

- Good flow rates
- Long lifetime
- Wet-pack option for quick installation
- PTFE/ HDPE construction for chemical resistance
- 100% integrity tested in cleanroom environment

Applications

- Bulk chemical delivery
 - Acids, bases, solvents, photochemicals
 - Wet etch and clean (< 60°C)
 - Phosphoric acid
 - Hydrofluoric acid
 - Nitric acid
 - SC1, SC2
 - Solvents



ENGINEERING YOUR SUCCESS.

Chemflow®-PE

SPECIFICATIONS

Materials of Construction

Membrane: PTFE
 Support Layers: HDPE
 Structure: HDPE

All components are thermally bonded to ensure integrity and reduce extractables.

Effective Filtration Area

8.3ft² (0.78m²) per 10" (250mm) cartridge

Metals Extractables*

Standard: <55ppb (total)

*In a 10% HNO₃ extraction

Maximum Differential Pressure/ Temperature

Forward: 80psid (5.5bar) @ 75°F (24°C)

Reverse: 50psid (3.4bar) @ 75°F (24°C)

Maximum Operating Temperature

140°F (60°C)

Cleanliness (particle shedding)

Wet-packed: <1 particles/ml >0.2µm after 5gal at 1gpm

Data is from open bag and installed, no additional installation flushing.

TOC/Resistivity Rinse-up (wet-packed)

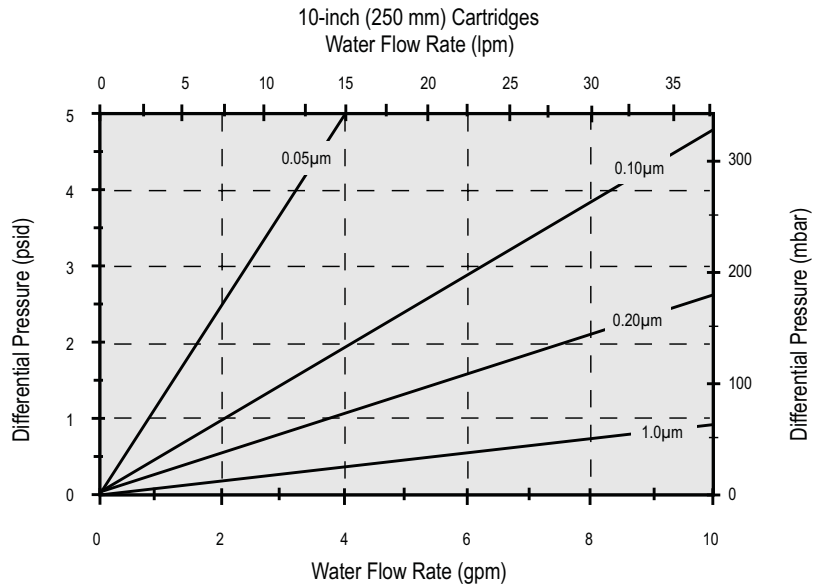
TOC rinse-up to background plus 5ppb of feed after 70gal @ 1gpm.

Resistivity rinse-up to background minus 0.2 megohm-cm of feed after 60gal @ 1gpm.

Performance Attributes

Water flow rates, Typical*		
Micron	gpm/psid	lpm/100mbar
0.05	0.8	4.39
0.1	2.1	12
0.2	3.8	21
1.0	10	55

* Per 10-inch (250mm) cartridge equivalent.



Ordering Information

Each cartridge is identified with a product number, pore size and lot number for traceability.

PE - [] **0** [] [] [] - [] [] [] - [] - **E** []

Styles		End Fitting		Nominal Length			Filter Rating		O-Ring Material		Treatment	
CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	INCHES	mm	CODE	MICRON	CODE	MATERIAL	CODE	OPTIONS
1	None (Std.)	2	226 Flat	10	10"	250	925	0.05	0	Buna-N	Blank	Standard
A	½ Shortened on 222 Fitting	3	222 Flat	20	20"	500	001	0.1	1	EPDM	W	Wet Packed
		7	226 Fin	30	30"	750	002	0.2	2	Silicone		
		8	222 Fin	40	40"	1000	010	1.0	4	Viton®		
									5	FEP-Encapsulated Viton®		

Specifications are subject to change without notification.
 For User Responsibility Statement, see www.parker.com/safety
 Chemflow is a registered trademark of Parker-Hannifin Corporation.
 Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc.
 Cuno is a registered trademark of Cuno Inc.

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PROSEP FILTER SYSTEMS LTD
Unit G19
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Elland
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HX5 9DN

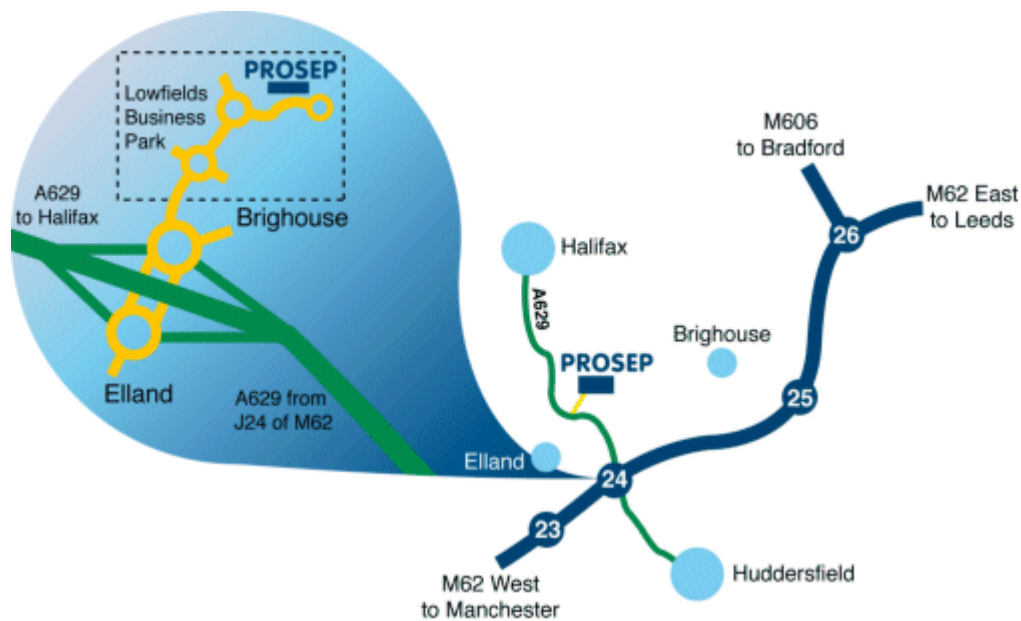
Tel: 01422 377367

Fax: 01422 377369

Email: enquiries@prosep.co.uk

www.prosep.co.uk

Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)