

Acroprep[™] Advance Filter Plates with wwPTFE Membrane

wwPTFE Membrane

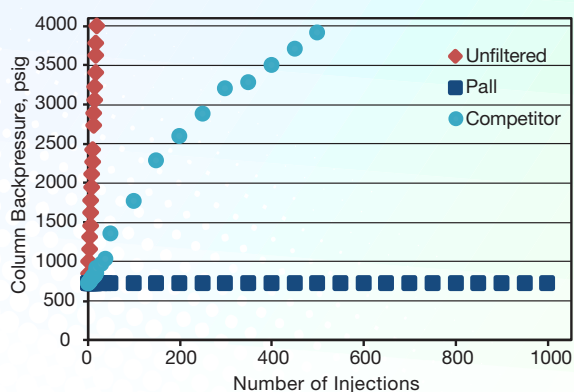
The water wettable hydrophilic polytetrafluoroethene (wwPTFE) membrane is an all-purpose, hydrophilic membrane for aqueous, acidic, basic, non-aggressive organic, and aggressive organic solutions. The wwPTFE membrane offers low protein binding and low levels of UV-absorbing extractables.

wwPTFE Membrane Performance

The wwPTFE membrane retention efficiency can directly increase the life of your HPLC column. More retentive filters will also remove smaller non-dissolved particles that may rest on the head of your HPLC column and affect your analytical results as they dissolve during an analysis. The graph below demonstrates that the life of an HPLC column can be extended up to 52 times by filtering samples prior to injection.

Column Life Extension

Effects of Filters on HPLC Column Life following injections of unfiltered and filtered 0.05% latex sphere suspensions. With unfiltered samples, the column failed due to plugging after 19 injections. Samples passed through Competitor filters plugged the columns after 500 injections. No increase in backpressure was observed after 1000 injections of samples filtered with the wwPTFE membrane.



Ordering Information

AcroPrep Advance 96-Well Filter Plates (Natural)

VWR Cat. No.	Pall Part No.	Description	Pkg
76308-642	8582	350 µL 0.2 µm wwPTFE membrane	10/pkg
76308-644	8584	350 µL 0.45 µm wwPTFE membrane	10/pkg
76308-646	8682	1 mL 0.2 µm wwPTFE membrane	5/pkg
76308-648	8684	1 mL 0.45 µm wwPTFE membrane	5/pkg
76308-650	8782	2 mL 0.2 µm wwPTFE membrane	5/pkg
76308-652	8784	2 mL 0.45 µm wwPTFE membrane	5/pkg