

# Acrodisc One™ Syringe Filters with wwPTFE Membrane

## wwPTFE Membrane

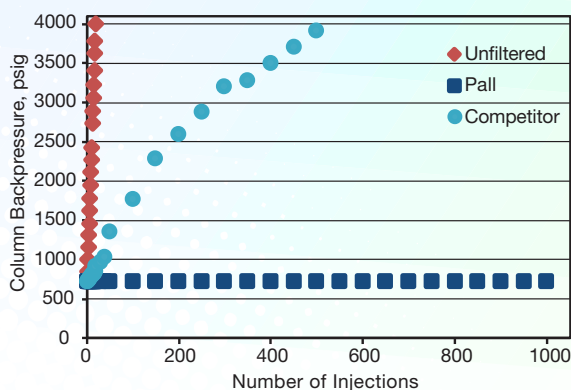
The wwPTFE (water wettable hydrophilic polytetrafluoroethene) membrane is an all-purpose, hydrophilic membrane for aqueous, acidic, basic, non-aggressive organic, and aggressive organic solutions. The wwPTFE membrane offers low protein binding and low levels of UV-absorbing extractables.

## 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

### Acrodisc One PSF Syringe Filters, 25 mm

VWR Cat. No.	Pall Part No.	Description	Pkg
76308-662	AP-4910	0.2 µm wwPTFE	200/pkg
76308-664	AP-4911	0.2 µm wwPTFE, AutoPack™ tubes	200/pkg
76308-666	AP-4912	0.2 µm wwPTFE	1000/pkg
76308-668	AP-4913	0.2 µm GXF/wwPTFE	200/pkg
76308-670	AP-4914	0.2 µm GF/wwPTFE, AutoPack tubes	200/pkg
76308-672	AP-4915	0.2 µm GXF/wwPTFE	1000/pkg
76308-674	AP-4916	0.45 µm wwPTFE	200/pkg
76308-676	AP-4917	0.45 µm wwPTFE, AutoPack tubes	200/pkg
76308-678	AP-4918	0.45 µm wwPTFE	1000/pkg
76308-680	AP-4919	0.45 µm GXF/wwPTFE	200/pkg
76308-682	AP-4920	0.45 µm GXF/wwPTFE, AutoPack tubes	200/pkg
76308-684	AP-4921	0.45 µm GXF/wwPTFE	1000/pkg