

## Presque Isle Wine Cellars Filter Cartridge Selection Chart

### Initial Coarse Filtration

Item Number	Description	Porosity Rating	Type	Actual Length	Configuration	Reusable**	FDA Compliance*	Recommended Use	Notes
<a href="#">PRS10-1</a>	PIWC Melt Blown 1μ, 10"	1.0 micron Nominal	Depth	9.75"	DOE	No	FDA Compliant	Coarse filtraton; First filtration after settling; Pre-filter to nominal .45 or .2 micron.	For coarse filtration and racking of settled wine; Comparable alternative to Pall Claris Medium filters
<a href="#">PRS20-1</a>	PIWC Melt Blown 1μ, 20"	1.0 micron Nominal	Depth	19.75"	DOE	No	FDA Compliant	Coarse filtration; First filtration after settling; Pre-filter to nominal .45 or .2 micron.	For coarse filtration and racking of settled wine; Comparable alternative to Pall Claris Medium filters
<a href="#">TC10-1</a>	PIWC Fiber glass 1μ 10"	1.0 micron Nominal	Surface	9.75"	DOE	Yes	FDA Compliant	First filtration after settling; Pre-filter to nominal .45 or .2 micron.	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine
<a href="#">TC20-1</a>	PIWC Fiber glass 1μ 20"	1.0 micron Nominal	Surface	19.75"	DOE	Yes	FDA Compliant	First filtration after settling; Pre-filter to nominal .45 or .2 micron.	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine
<a href="#">TC30-1</a>	PIWC Fiber glass 1μ 20"	1.0 micron Nominal	Surface	29.75"	DOE	Yes	FDA Compliant	First filtration after settling; Pre-filter to nominal .45 or .2 micron.	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine
<a href="#">TC10-1M6</a>	PIWC Fiber glass 1μ 10", M6(226) fitting	1.0 micron Nominal	Surface	9.75"	SOE	Yes	FDA Compliant	For Use with <b>Enolmatic Vacuum Bottle Filler (VBF)</b> Filter; Initial filtration after settling or Pre-filter to nominal .45 or .2 micron.	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine. The VBF is great for home winemaker and small winery since it can also be used to rack and transfer wine and bottle and filter in one step.

### Polishing and Pre-Membrane Filtration

Item Number	Description	Porosity Rating	Type	Actual Length	Configuration	Reusable**	FDA Compliance*	Recommended Use	Notes
<a href="#">PRS10-.5</a>	PIWC Melt blown 0.5μ 10"	0.5 micron Nominal	Depth	9.75"	DOE	No	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate.	Comparable alternative to Pall Claris Fine filters
<a href="#">PRS20-.5</a>	PIWC Melt blown 0.5μ 20"	0.5 micron Nominal	Depth	19.75"	DOE	No	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate.	Comparable alternative to Pall Claris Fine filters
<a href="#">TC10-.45</a>	PIWC Fiberglass 0.45μ 10"	0.45 micron Nominal	Surface	9.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC20-.45</a>	PIWC Fiberglass 0.45μ 20"	0.45 micron Nominal	Surface	19.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC30-.45</a>	PIWC Fiberglass 0.45μ 30"	0.45 micron Nominal	Surface	29.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine

<a href="#">TC10-2</a>	PIWC Fiberglass 0.2μ 10"	0.2 micron Nominal	Surface	9.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC20-2</a>	PIWC Fiberglass 0.2μ 20"	0.2 micron Nominal	Surface	19.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC30-2</a>	PIWC Fiberglass 0.2μ 30"	0.2 micron Nominal	Surface	29.75"	DOE	Yes	FDA Compliant	Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC10-.45M6</a>	PIWC Fiberglass 0.45μ 10", M6(226) fitting	0.45 micron Nominal	Surface	9.75"	SOE	Yes	FDA Compliant	For Use with <b>Enolmatic Vacuum Bottle Filler (VBF)</b> Filter; Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine. The VBF is great for home winemaker and small winery since it can also be used to rack and transfer wine and bottle and filter in one step.
<a href="#">TC10-.2M6</a>	PIWC Fiberglass 0.2μ 10", M6(226) fitting	0.2 micron Nominal	Surface	9.75"	SOE	Yes	FDA Compliant	For Use with <b>Enolmatic Vacuum Bottle Filler (VBF)</b> Filter; Polishing of dry wines and wines with residual sugar treated with sorbate; Pre-filter to extend life of a 0.45 absolute membrane	New FDA Compliant fiberglass line from PIWC; direct replacement of Pall Duofine. The VBF is great for home winemaker and small winery since it can also be used to rack and transfer wine and bottle and filter in one step.

### Final Membrane Polishing and Pre-Final Filtration

<i>Item Number</i>	<i>Description</i>	<i>Porosity Rating</i>	<i>Type</i>	<i>Actual Length</i>	<i>Configuration</i>	<i>Reusable**</i>	<i>Compliance*</i>	<i>Recommendations Use</i>	<i>Notes</i>
<a href="#">WT10-.45</a>	Graver Watertec PES Membrane 0.45μ 10"	0.45 micron Absolute	Membrane	9.75"	DOE	Yes	FDA Compliant	Excellent final filter for general bacterial removal; not rated for absolute bacteria removal. Use in conjunction with sound SO2 and Potassium Sorbate management.	New FDA compliant line from Graver replacing 10" Pall Varafine DOE filter cartridges
<a href="#">WT20-.45</a>	Graver Watertec PES Membrane 0.45μ 20"	0.45 micron Absolute	Membrane	19.75"	DOE	Yes	FDA Compliant	Excellent final filter for general bacterial removal; not rated for absolute bacteria removal. Use in conjunction with sound SO2 and Potassium Sorbate management.	New FDA compliant line from Graver replacing 20" Pall Varafine DOE filter cartridges
<a href="#">WT10-.45M3</a>	Graver Watertec PES Membrane 0.45μ 10" M3(222)	0.45 micron Absolute	Membrane	9.75"	SOE	Yes	FDA Compliant	Excellent final filter for general bacterial removal; not rated for absolute bacteria removal. Use in conjunction with sound SO2 and Potassium Sorbate management.	New FDA compliant line from Graver replacing 10" Pall Varafine SOE filter cartridges
<a href="#">WT20-.45M3</a>	Graver Watertec PES Membrane 0.45μ 20" M3(222)	0.45 micron Absolute	Membrane	19.75"	SOE	Yes	FDA Compliant	Excellent final filter for general bacterial removal; not rated for absolute bacteria removal. Use in conjunction with sound SO2 and Potassium Sorbate management.	New FDA compliant line from Graver replacing 20" Pall Varafine SOE filter cartridges

## Final Membrane Filtration

<u>Item Number</u>	<u>Description</u>	<u>Porosity Rating</u>	<u>Type</u>	<u>Actual Length</u>	<u>Configuration</u>	<u>Reusable**</u>	<u>FDA Compliance*</u>	<u>Recommended Use</u>	<u>Notes</u>
<a href="#">PES10-CODE6</a>	Graver PES membrane 10" .45μ, Code 6	0.45 micron Absolute	Membrane	9.75"	SOE	Yes	FDA Compliant	Final filtration for wines where spoilage yeast and bacteria removal is desired. Use with a suitable pre-filter to prolong cartridge life.	Alternative to Pall Oenopure line
<a href="#">PES20-CODE6</a>	Graver PES membrane 20" .45μ, Code 6	0.45 micron Absolute	Membrane	19.75"	SOE	Yes	FDA Compliant	Final filtration for wines where spoilage yeast and bacteria removal is desired. Use with a suitable pre-filter to prolong cartridge life.	Alternative to Pall Oenopure line

\*FDA Compliance - FDA Compliant means the manufacturer has completed required testing and certifications for the materials used in the filter to meet new FDA regulatory standards for use with food and beverage filtration. FDA Approved means the manufacturer has completed required testing and certifications for the complete cartridge to meet new FDA regulatory standards for use with food and beverage filtration. A non-FDA Compliant filter does not mean the filter is unsafe for use with wine - all of our Pall filters have been used safely and successfully for wine filtration for many years - it just means the manufacturer hasn't completed the compliance process and can no longer certify the filter for use in wine filtration. There is currently no requirement that FDA compliant filters be used for commercially offered wine but that day may be coming. We have worked closely with our manufacturers to get a complete line of FDA approved and FDA Compliant filters and have now phased out the non FDA-Compliant products.

\*\*Filter cartridges indicated as reusable may be reused if they have not reached their capacity and if they are stored properly and safely between uses in accordance with our recommendations. [See our Cleaning and Storing Filter Cartridges document.](#)