

## Presque Isle Wine Cellars Filter Cartridge Selection Chart

### Initial Coarse Filtration

Item Number	Description	Current Price	Porosity Rating	Type	Actual Length	Configuration	Reusable**	FDA Compliance*	Compatible Units/Housings	Recommended Use	Notes
<a href="#">CM10</a>	Pall Claris Medium 10"	\$6.49	1.0 micron Nominal	Depth	9.75"	DOE	No	FDA Compliant	<a href="#">WF1SS;WF1A;TC10</a> <a href="#">SS: TC10P</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	The graded pore sizes allow for the efficient capture of various sized particles and maximum usage of the filter's depth
<a href="#">CM20</a>	Pall Claris Medium 20"	\$12.49	1.0 micron Nominal	Depth	19.75"	DOE	No	FDA Compliant	<a href="#">WF240S2;</a> <a href="#">DWF240S2; TC20SS</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	The graded pore sizes allow for the efficient capture of various sized particles and maximum usage of the filter's depth
<a href="#">PRS10-1</a>	PIWC Melt Blown 1μ, 10"	\$3.49	1.0 micron Nominal	Depth	9.75"	DOE	No	FDA Compliant	<a href="#">WF1SS;WF1A;TC10</a> <a href="#">SS: TC10P</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	Comparable alternative to Pall Claris Medium filters
<a href="#">PRS20-1</a>	PIWC Melt Blown 1μ, 20"	\$6.49	1.0 micron Nominal	Depth	19.75"	DOE	No	FDA Compliant	<a href="#">WF240S2;</a> <a href="#">DWF240S2; TC20SS</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	Comparable alternative to Pall Claris Medium filters
<a href="#">PF10-1</a>	Pall Polyfine Polypropylene 1μ 10"	\$55.99	1.0 micron Nominal	Surface	10"	DOE	Yes	FDA Approved	<a href="#">WF1SS;WF1A;TC10</a> <a href="#">SS: TC10P</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
<a href="#">PF20-1</a>	Pall Polyfine Polypropylene 1μ 20"	\$110.99	1.0 micron Nominal	Surface	20"	DOE	Yes	FDA Approved	<a href="#">WF240S2;</a> <a href="#">DWF240S2; TC20SS</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
<a href="#">TC10-1</a>	PIWC Fiber glass 1μ 10"	\$40.99	1.0 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10</a> <a href="#">SS: TC10P</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	New FDA Compliant polypropylene line from PIWC; direct replacement of Pall Duofine
<a href="#">TC20-1</a>	PIWC Fiber glass 1μ 20"	\$65.99	1.0 micron Nominal	Surface	20"	DOE	Yes	FDA Compliant	<a href="#">WF240S2;</a> <a href="#">DWF240S2; TC20SS</a>	Pre-filter to nominal .45 or .2 micron; 1st filtration after settling.	New FDA Compliant polypropylene line from PIWC; direct replacement of Pall Duofine
<a href="#">TC10-1M6</a>	PIWC Fiber glass 1μ 10", M6(226) fitting	\$40.99	1.0 micron Nominal	Surface	10"	SOE	Yes	FDA Compliant	<a href="#">VBF; VBF-FH</a>	For Use with <b>Enomatic Vacuum Bottle Filler</b> Filter; Initial filtration after settling or Pre-filter to nominal .45 or .2 micron; The VBF is great for home winemaker since it can also be used to rack and transfer wine.	New FDA Compliant polypropylene line from PIWC; direct replacement of Pall Duofine

### Polishing and Pre-Membrane Filtration

Item Number	Description	Current Price	Porosity Rating	Type	Actual Length	Configuration	Reusable**	FDA Compliance*	Compatible Units/Housings	Recommended Use	Notes
<a href="#">PF10-2</a>	Pall Polyfine Polypropylene 0.2μ 10"	\$64.99	0.2 micron Nominal	Surface	10"	DOE	Yes	FDA Approved	<a href="#">WF1SS;WF1A;TC10</a> <a href="#">SS: TC10P</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
<a href="#">PF20-2</a>	Pall Polyfine Polypropylene 0.2μ 20"	\$124.99	0.2 micron Nominal	Surface	10"	DOE	Yes	FDA Approved	<a href="#">WF240S2;</a> <a href="#">DWF240S2; TC20SS</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
DF10-2 <b>(DISCONTINUED)</b>	Pall Duofine Fiberglass 0.2μ 10"		0.2 micron Nominal	Surface	9.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued;</b> TC10-2, PP10-2, PF10-2 recommended replacements
DF20-2 <b>(DISCONTINUED)</b>	Pall Duofine Fiberglass 0.2μ 20"		0.2 micron Nominal	Surface	19.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued;</b> TC20-2, PP20-2, PF20-2 recommended replacements
DF10-.2M6 <b>(DISCONTINUED)</b>	Pall Duofine Fiberglass 0.2μ 10" M6(226) fitting		0.2 micron Nominal	Surface	9.75"	SOE	Yes	Not FDA Compliant			<b>Discontinued;</b> TC10-.2M6, PP10-.2M6 recommended replacements

<a href="#">TC10-.2</a>	PIWC Fiberglass 0.2μ 10"	\$46.99	0.2 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Compliant fiber glass line from PIWC; direct replacement of Duofine
<a href="#">TC20-.2</a>	PIWC Fiberglass 0.2μ 20"	\$79.99	0.2 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Compliant fiber glass line from PIWC; direct replacement of Duofine
<a href="#">PP10-.2</a>	PIWC Polypropylene 0.2μ 10"	\$36.99	0.2 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Compliant polypropylene line from PIWC; comparable to Duofine
<a href="#">PP20-.2</a>	PIWC Polypropylene 0.2μ 20"	\$51.99	0.2 micron Nominal	Surface	20"	DOE	Yes	FDA Compliant	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of wines with residual sugar and sorbate; Pre-filter to .45 absolute membrane.	New FDA Compliant polypropylene line from PIWC; comparable to Duofine
<a href="#">TC10-.2M6</a>	PIWC Fiberglass 0.2μ 10" , M6(226) fitting	\$46.99	0.2 micron Nominal	Surface	10"	SOE	Yes	FDA Compliant	<a href="#">VBF; VBF-FH</a>	For Use with <b>Enolmatic Vacuum Bottle Filler</b> Filter; Polishing dry wines before bottling with no residual sugar; The VBF is great for home winemaker since it can also be used to rack and transfer wine.	New FDA Compliant fiber glass line from PIWC; a direct replacement of Pall Duofine
<a href="#">PP10-.2M6</a>	PIWC Polypropylene 0.2μ 10" M6(226) fitting	\$41.99	0.2 micron Nominal	Surface	10"	SOE	Yes	FDA Compliant	<a href="#">VBF; VBF-FH</a>	For Use with <b>Enolmatic Vacuum Bottle Filler</b> Filter; Polishing dry wines before bottling with no residual sugar; The VBF is great for home winemaker since it can also be used to rack and transfer wine.	New FDA Compliant polypropylene line from PIWC; comparable to Pall Duofine
<a href="#">PF10-.45</a>	Pall Polyfine Polypropylene 0.45μ 10"	\$59.99	0.45 micron Nominal	Surface	10"	DOE	Yes	FDA Approved	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of dry wines with no residual sugar.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
<a href="#">PF20-.45</a>	Pall Polyfine Polypropylene 0.45μ 20"	\$119.99	0.45 micron Nominal	Surface	20"	DOE	Yes	FDA Approved	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of dry wines with no residual sugar.	New FDA Approved polypropylene line from Pall; comparable to Pall Duofine
DF10-0.45 (DISCONTINUED)	Pall Duofine Fiberglass 0.45μ 10"		0.45 micron Nominal	Surface	9.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued</b> ; TC10-.45, PP10-.45, PF10-.45 recommended replacements
DF20-0.45 (DISCONTINUED)	Pall Duofine Fiberglass 0.45μ 20"		0.45 micron Nominal	Surface	19.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued</b> ; TC20-.45, PP20-.45, PF20-.45 recommended replacements
DF10-.45M6 (DISCONTINUED)	Pall Duofine Fiberglass 0.45μ 10" M6(226) fitting		0.45 micron Nominal	Surface	9.75"	SOE	Yes	Not FDA Compliant			<b>Discontinued</b> ; TC10-.45M6, PP10-.45M6 recommended replacements
<a href="#">PRS10-.5</a>	PIWC Melt blown 0.5μ 10"	\$3.49	0.5 micron Absolute	Depth	9.75"	DOE	No	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of dry wines with no residual sugar.	Comparable alternative to Pall Claris Fine filters
<a href="#">PRS20-.5</a>	PIWC Melt blown 0.5μ 20"	\$6.49	0.5 micron Absolute	Depth	19.75"	DOE	No	FDA Compliant	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of dry wines with no residual sugar.	Comparable alternative to Pall Claris Fine filters
<a href="#">TC10-.45</a>	PIWC Fiberglass 0.45μ 10"	\$44.99	0.45 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of dry wines with no residual sugar.	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">TC20-.45</a>	PIWC Fiberglass 0.45μ 20"	\$73.99	0.45 micron Nominal	Surface	20"	DOE	Yes	FDA Compliant	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of dry wines with no residual sugar.	New FDA Compliant fiber glass line from PIWC; a direct replacement of Duofine
<a href="#">PP10-.45</a>	PIWC Polypropylene 0.45μ 10"	\$32.99	0.45 micron Nominal	Surface	10"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS; TC10P</a>	Polishing of dry wines with no residual sugar.	New FDA Compliant polypropylene line from PIWC; comparable to Pall Duofine
<a href="#">PP20-.45</a>	PIWC Polypropylene 0.45μ 20"	\$42.99	0.45 micron Nominal	Surface	20"	DOE	Yes	FDA Compliant	<a href="#">WF240S2; DWF240S2; TC20SS</a>	Polishing of dry wines with no residual sugar.	New FDA Compliant polypropylene line from PIWC; comparable to Pall Duofine
<a href="#">TC10-.45M6</a>	PIWC Fiberglass 0.45μ 10" , M6(226) fitting	\$44.99	0.45 micron Nominal	Surface	10"	SOE	Yes	FDA Compliant	<a href="#">VBF; VBF-FH</a>	For Use with <b>Enolmatic Vacuum Bottle Filler</b> Filter; Polishing dry wines with no residual sugar before bottling; The VBF is great for home winemaker since it can also be used to rack and transfer wine.	New FDA Compliant fiber glass line from PIWC; a direct replacement of Pall Duofine
<a href="#">PP10-.45M6</a>	PIWC Polypropylene 0.45μ 10" M6(226) fitting	\$36.99	0.45 micron Nominal	Surface	10"	SOE	Yes	FDA Compliant	<a href="#">VBF; VBF-FH</a>	For Use with <b>Enolmatic Vacuum Bottle Filler</b> Filter; Polishing dry wines with no residual sugar before bottling; The VBF is great for home winemaker since it can also be used to rack and transfer wine.	New FDA Compliant polypropylene line from PIWC; comparable to Pall Duofine

### Final Membrane Polishing and Pre-Final Filtration

Item # Number	Description	Current Price	Porosity Rating	Type	Actual Length	Configuration	Reusable**	FDA Compliance*	Compatible Units/Housings	Recommended Use	Notes
VFA10-.45M3 <b>(DISCONTINUED)</b>	Pall Varafine 10" 0.45µ M3(222) fitting		0.45 micron Absolute	Membrane	9.75"	SOE	Yes	Not FDA Compliant			<b>Discontinued;</b> UP10-.45 and WT10-.45M3 recommended as replacements
VFA20-.45M3 <b>(DISCONTINUED)</b>	Pall Varafine 20" 0.45µ M3(222) fitting		0.45 micron Absolute	Membrane	19.75"	SOE	Yes	Not FDA Compliant			<b>Discontinued;</b> UP10-.45 and WT10-.45M3 recommended replacements
VF10-.45DOE <b>(DISCONTINUED)</b>	Pall Varafine 10" 0.45µ		0.45 micron Absolute	Membrane	9.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued;</b> WT10-.45 recommended as a direct replacement
VF20-.45DOE <b>(DISCONTINUED)</b>	Pall Varafine 20" 0.45µ		0.45 micron Absolute	Membrane	19.75"	DOE	Yes	Not FDA Compliant			<b>Discontinued;</b> WT20-.45 recommended as a direct replacement
<a href="#">WT10-.45M3</a>	Graver Watertec PES Membrane 0.45µ 10" M3(222)	\$93.99	0.45 micron Absolute	Membrane	9.75"	SOE	Yes	FDA Compliant	<a href="#">TC10VP</a>	Useful for those that desire general bacterial removal. Will remove bacteria but should not be used as final filtration for those wanting absolute bacterial removal.	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)	\$179.99	0.45 micron Absolute	Membrane	20"	SOE	Yes	FDA Compliant	<a href="#">TC20VP</a>	Useful for those that desire general bacterial removal. Will remove bacteria but should not be used as final filtration for those wanting absolute bacterial removal.	New FDA compliant line from Graver replacing 20" Pall Varafine SOE filter cartridges
<a href="#">WT10-.45</a>	Graver Watertec PES Membrane 0.45µ 10"	\$93.99	0.45 micron Absolute	Membrane	9.75"	DOE	Yes	FDA Compliant	<a href="#">WF1SS;WF1A;TC10SS;TC10P</a>	Useful for those that desire general bacterial removal. Will remove bacteria but should not be used as final filtration for those wanting absolute bacterial removal.	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"	\$179.99	0.45 micron Absolute	Membrane	20"	DOE	Yes	FDA Compliant	<a href="#">WF240S2;DWF240S2;TC20SS</a>	Useful for those that desire general bacterial removal. Will remove bacteria but should not be used as final filtration for those wanting absolute bacterial removal.	New FDA compliant line from Graver replacing 20" Pall Varafine DOE filter cartridges
<a href="#">UP10-.45</a>	Pall Ultipor Pleated Nylon 10" 0.45µ, M3(222) fitting	\$124.99	0.45 micron Absolute	Membrane	9.75"	SOE	Yes	FDA Approved	<a href="#">TC10VP</a>	Microbial Stabilization which will sterilize wine by yeast and bacteria removal when used with sanitary housings.	New FDA approved line from Pall replacing Pall 10" Varafine SOE filter cartridges
<a href="#">UP20-.45</a>	Pall Ultipore Pleated Nylon 20" 0.45µ, M3(222) fitting	\$239.99	0.45 micron Absolute	Membrane	19.75"	SOE	Yes	FDA Approved	<a href="#">TC20VP</a>	Microbial Stabilization which will sterilize wine by yeast and bacteria removal when used with sanitary housings.	New FDA approved line from Pall replacing 20" Pall Varafine SOE filter cartridges
<a href="#">OC20-CODE7</a>	Pall OENOCLEAR 20" 0.45µ, Code 7	\$298.12	0.45 micron Absolute	Membrane	20"	DOE	Yes	FDA Compliant	<a href="#">FHAS2</a>	Final high polish filter for dry wines, final clarification and yeast removal; a very effective pre-filter to prolong the life of a 0.45 micron membrane final filter.	Not recommended for final filtration.

## Final Membrane Filtration

<u>Item Number</u>	<u>Description</u>	<u>Current Price</u>	<u>Porosity Rating</u>	<u>Type</u>	<u>Actual Length</u>	<u>Configuration</u>	<u>Reusable**</u>	<u>Compliance*</u>	<u>Compatible Units/Hours</u>	<u>Recommended Use</u>	<u>Notes</u>
<a href="#">OP10-CODE7</a>	Pall OENOPURE II 10" 0.45μ, Code 7	\$188.96	0.45 micron Absolute	Membrane	10"	SOE	Yes	FDA Compliant	Call for availability and pricing.	Final filtration for wines where spoilage yeast and bacteria removal is desired. Use with a suitable pre-filter to prolong cartridge life.	
<a href="#">OP20-CODE7</a>	Pall OENOPURE II 20" 0.45μ, Code 7	\$298.12	0.45 micron Absolute	Membrane	20"	SOE	Yes	FDA Compliant	<a href="#">FHAS2</a>	Final filtration for wines where spoilage yeast and bacteria removal is desired. Use with a suitable pre-filter to prolong cartridge life.	
<a href="#">PES10-CODE6</a>	Graver PES membrane 10" .45μ, Code 6	\$163.99	0.45 micron Absolute	Membrane	10"	SOE	Yes	FDA Compliant	Call for availability and pricing.	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	\$288.99	0.45 micron Absolute	Membrane	20"	SOE	Yes	FDA Compliant	<a href="#">FHAS2</a>	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.](#)