

## VINOLIFE

- High chemical compatibility
- High dirt holding capacity
- Thermowelded construction up to 40"
- EC-listed materials for Food contact
- FDA-listed materials per CFR21
- Steamable and sanitizable



VINOLIFE is designed for oenologic applications as a prefilter with high holding capacity of contaminants in the operations of clarification of wines and spirits. VINOLIFE is integrally manufactured with polypropylene; the filter media is obtained by winding around the internal core several polypropylene layers, having different porosity and permeability from external to internal; the outer section retains larger particles while the inner section assures filtration rating with efficiency of 99,98%. The finest filtration ratings have been proven to retain also yeast. The external cage enable the filter element to withstand sanitizing and steaming cycles.

### MATERIALS OF CONSTRUCTION

<b>Filter media</b>	polypropylene
<b>Upstream supports</b>	polypropylene
<b>Downstream supports</b>	polypropylene
<b>Internal Core</b>	polypropylene
<b>External Cage</b>	extruded polypropylene
<b>End caps / Adapters</b>	polypropylene

### FOOD-SAFETY

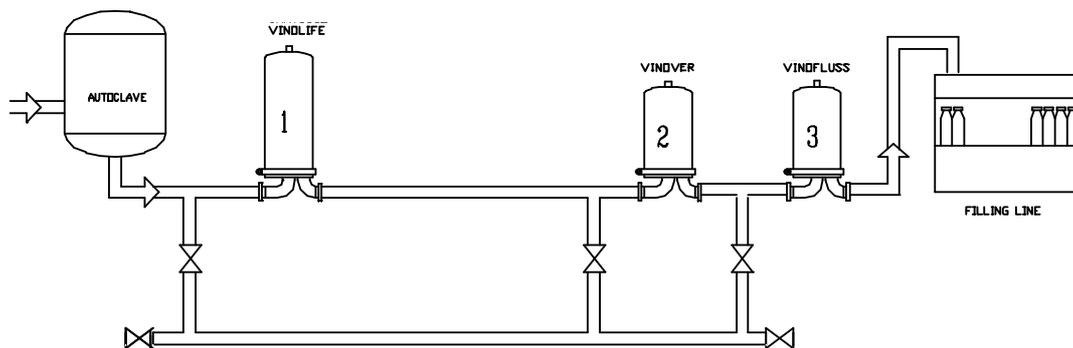
VINOLIFE filter element material meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

### OPERATING CONDITIONS

<b>- max. continuous temperature</b>	65 °C
<b>- max. cumulative time of steam sterilization</b>	50 hours at 125 °C with cycles of 30 minutes
<b>- sanitization with hot water</b>	80 °C max
<b>- max. differential pressure</b>	5,0 bar at 25 °C
<b>- recommended change out differential pressure</b>	2,0 bar at 25 °C

CODE	FILTRATION RATING IN LIQUIDS	MAX WINE FLOW RATE FOR 10" CARTRIDGE	BACTERIAL RETENTION FOR 10" CARTRIDGE
<b>TB</b>	0,5 µm	150 l/h	≥ 10 <sup>8</sup> Saccharomyces cerevisiae
<b>TC</b>	1,0 µm	200 l/h	≥ 10 <sup>8</sup> Saccharomyces cerevisiae
<b>TD</b>	3,0 µm	200 l/h	≥ 10 <sup>7</sup> Saccharomyces cerevisiae
<b>TH</b>	5,0 µm	350 l/h	N.A.
<b>TL</b>	10,0 µm	400 l/h	N.A.

## INSTALLATION SCHEME FOR WHITE AND RED WINE



## VINOLIFE ORDERING INFORMATION

VPR -		207	1	-	TB	-	[ ]
<b>END FITTING</b>	<b>CODE</b>			<b>FILTRATION RATING</b> micron	<b>CODE</b>	<b>CODE</b>	
DOE: double open end with flat gaskets.	<b>200</b>			0,5	<b>TB</b>	Standard	EPDM
SOE: open end with (2) O-Ring 2.222. Blind end with flat top.	<b>203 *</b>			1,0	<b>TC</b>	On request	Silicone
SOE: open end with (2) O-Ring 2.226 and 2 bayonet locks. Blind end with fin.	<b>207 *</b>			3,0	<b>TD</b>	Standard	Silicone
SOE: open end with (2) O-Ring 2.222. Blind end with fin.	<b>208 *</b>			5,0	<b>TH</b>	On request	EPDM
SOE: open end with (2) O-Ring 2.222 and 3 bayonet locks. Blind end with fin.	<b>212 *</b>			10,0	<b>TL</b>		
				<b>CODE</b>	<b>NOMINAL LENGTH</b>		
				<b>1</b>	10"		
				<b>2</b>	20"		
				<b>3</b>	30"		
				<b>4</b>	40"		
						No code	200
						<b>S</b>	203
						No code	207
						<b>E</b>	208
							212

\* with AISI 316 stainless steel ring

Data contained in this bulletin are informative and subject to change without notice.  
User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

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