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

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

FOOD-SAFETY

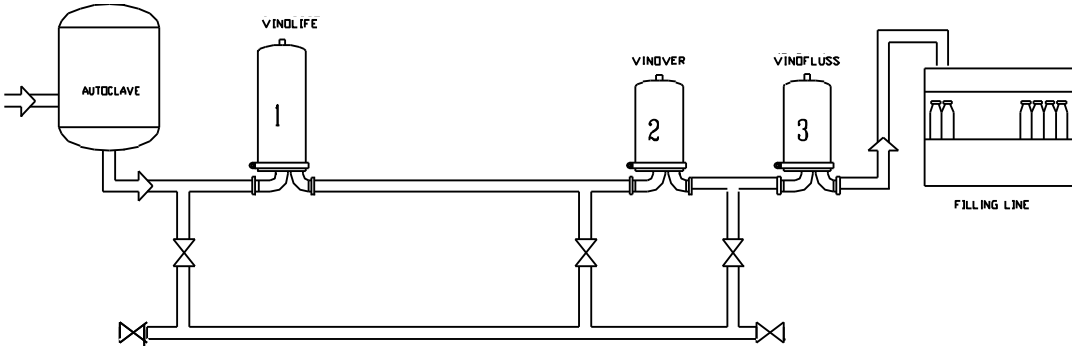
VINOLIFE filter element material meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

OPERATING CONDITIONS

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

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

INSTALLATION SCHEME FOR WHITE AND RED WINE



VINOLIFE ORDERING INFORMATION

VPR - 207 1 - TB - ☐

END FITTING	CODE
DOE: double open end with flat gaskets.	**200**
SOE: open end with (2) O -Ring 2.222. Blind end with flat top.	**203 ***
SOE: open end with (2) O -Ring 2.226 and 2 bayonet locks. Blind end with fin.	**207 ***
SOE: open end with (2) O -Ring 2.222. Blind end with fin.	**208 ***
SOE: open end with (2) O -Ring 2.222 and 3 bayonet locks. Blind end with fin.	**212 ***

* with AISI 316 stainless steel ring

FILTRATION RATING micron	CODE
0,5	**TB**
1,0	**TC**
3,0	**TD**
5,0	**TH**
10,0	**TL**

CODE	NOMINAL LENGTH
1	10″
2	20″
3	30″
4	40″

CODE	GASKETS		
No code	Standard	EPDM	200
S	On request	Silicone	
No code	Standard	Silicone	203 207 208 212
E	On request	EPDM	

DS-VPR-590-UK-14

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The data 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.