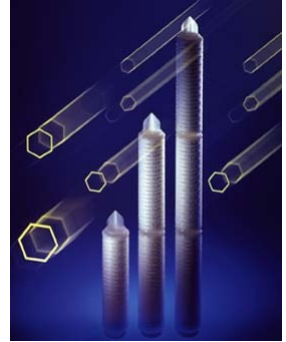


## KEMIFLON KMF

- Integrity testable in situ
- Repeatedly steamable in situ and in autoclave
- Sanitizable
- High chemical compatibility
- Thermowelded construction
- Validation Guide available on request
- Free from animal derived ingredients materials (ADM Free — Animal Derived Materials)



KEMIFLON KMF cartridge has the ideal characteristics required for a sterilizing final filter for bulk applications, such as solvents filtration.

KEMIFLON KMF is available with 0,2 micron filtration rating.

The manufacturing of KEMIFLON KMF takes place in a certified Clean Room; each filter is subjected to an integrity test related to specific micro-organisms bacterial challenge.

### MATERIALS OF CONSTRUCTION

<b>Filter media</b>	PTFE membrane
<b>Upstream supports</b>	polyester
<b>Downstream supports</b>	polyester
<b>Internal core</b>	polyester
<b>External cage</b>	polyester
<b>End caps / adapter</b>	polyester

### BIO-SAFETY

The materials pass USP-CLASS VI Biological Reactivity and Chemical-Physical tests for plastics.

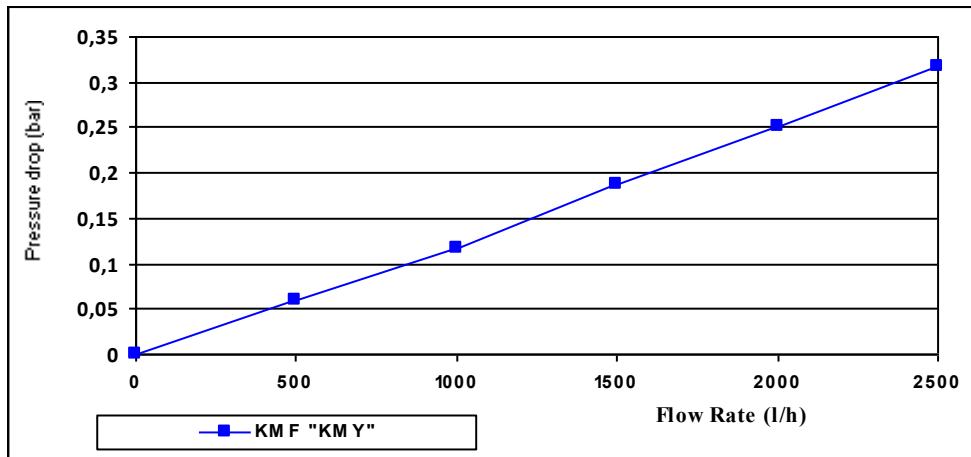
The cartridges are in compliance with the requirements of USP "Water for injection" for particles release and endotoxins; Endotoxins are checked by LAL Test.

### OPERATING CONDITIONS

- max. continuous temperature	80 °C
- max. cumulative time of steam sterilization	5 hours at 125 °C or 2 hours at 135 °C (30' cycles)
- sanitization with hot water	90 °C max
- sanitization with chemicals	Can be sanitized by standard chemical agents
- max. differential pressure	5,0 bar at 25 °C - 1,7 bar at 80 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	ABSOLUTE FILTRATION RATING IN LIQUIDS	BACTERIAL RETENTION >10 <sup>8</sup> / 10"*	ACCEPTABLE LIMIT FOR DIFFUSION FLOW TEST WITH ISOPROPYL ALCOHOL/WATER 60:40 v/v SOLUTION. 10" CARTRIDGE (ml/min)
KMY	0,2 µm	Brevundimonas diminuta	≤ 35 @ 0,8 bar
* As per ASTM F838			

## WATER FLOW RATE FOR 10" CARTRIDGE



## KEMIFLON KMF ORDERING INFORMATION

**KMF - 207 1 - KMY [ ] - PH**

END FITTING	CODE
DOE: double open end with flat gaskets.	<b>200</b>
SOE: Open end with (2) O-Ring 2.222. Blind end with flat top.	<b>203</b>
SOE: Open end with (2) O-Ring 2.226 and 2 bayonet locks. Blind end with fin.	<b>207</b>
SOE: Open end with (2) O-Ring 2.222. Blind end with fin.	<b>208</b>

ABSOLUTE FILTRATION RATING MICRON	CODE
0,2	<b>KMY</b>

CODE	PRODUCT GRADE
<b>PH</b>	Biological Grade tested with IPA 60:40 solution and flushed with pyrogen-free water. Quality Certification in the box.
<b>PHH</b>	Biological Grade tested with IPA 60:40 solution and flushed with pyrogen-free water. Quality Certification, with serial number, in the box.

CODE	NOMINAL LENGTH
<b>1</b>	10"
<b>2</b>	20"
<b>3</b>	30"
<b>4</b>	40"

CODE	GASKETS	
<b>No Code</b>	Standard	Silicone
<b>E</b>	On request	EPDM
<b>V</b>	On request	VITON
<b>K</b>	On request	SOFT TEFLON

Data contained in this bulletin are informative and subjected 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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