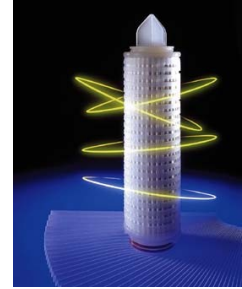


POLYVER ADM FREE

- Repeatedly steamable in situ or in autoclave
- Sanitizable
- Thermowelded construction
- EC-listed materials for Food contact
- FDA-listed materials per CFR21
- Materials without substances of animal origin (ADM FREE)



POLYVER ADM FREE is designed for cosmetic and food&beverage applications in the filtration of liquid with high content of colloidal particles. PH grade is prefluxed with non-pyrogenic water and is suitable for pharmaceutical process applications.

The media is made by borosilicate microfibers pleated with upstream and downstream layers of polypropylene; the electrical charges of the porous media interact with the contaminant electrical charges and generate an attraction whose effect is to retain particles finer than the physical passage. Manufacturing is performed in a controlled environment.

MATERIALS OF CONSTRUCTION

| | |
|----------------------------|----------------------------|
| Filter media | Microfiber of borosilicate |
| Upstream supports | polypropylene |
| Downstream supports | polypropylene |
| Internal Core | polypropylene |
| External Cage | polypropylene |
| End caps / Adapters | polypropylene |

FOOD-SAFETY

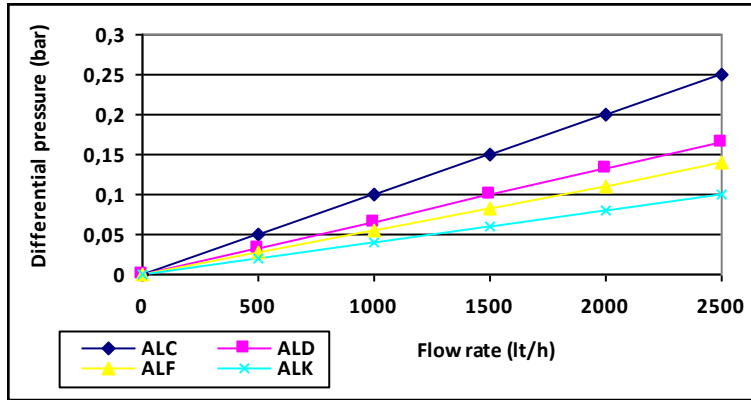
POLYVER ADM FREE filter elements materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

OPERATING CONDITIONS

| | |
|--|--|
| - max. continuous temperature | 65 °C |
| - sterilization with steam | continuously with cycles of 20 minutes at 121 °C |
| - 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 (µm) | MAX. FLOW RATE FOR 10" CARTRIDGE (l/h) |
|------|------------------------|--|
| ALC | 0,5 | 1000 |
| ALD | 0,65 | 1100 |
| ALF | 1,00 | 1200 |
| ALK | 2,00 | 1500 |

WATER FLOW RATE FOR 10" CARTRIDGE



POLYVER ADM FREE ORDERING INFORMATION

PLV - 207 1 - ALC - PH

| 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 |

| FILTRATION RATING | CODE |
|-------------------|------------|
| 0,5 µm | ALC |
| 0,65 µm | ALD |
| 1,0 µm | ALF |
| 2,0 µm | ALK |

| CODE | DESCRIPTION |
|-----------|---|
| PH | Prefluxed with non-pyrogenic water; Quality Certification in the box. |

| CODE | GASKETS | |
|----------------|------------|-------------|
| no code | Standard | Silicone |
| F * | On request | FEP |
| Z | On request | Soft Teflon |

* Only for SOE

| CODE | NOMINAL LENGTH |
|----------|----------------|
| 1 | 10" |
| 2 | 20" |
| 3 | 30" |
| 4 | 40" |

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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