

DECLARATION OF COMPLIANCE Supor® Beverage Filter Cartridges AB Style “W” Code

Cartridge Part Number

AB SBB W
Table 1 Table 2 Table 3

This is a guide to the Part Numbering structure only. For specific options, please contact Pall.

Table 1 : Nominal Length

Code	Description
1	254 mm (10")
2	508 mm (20")
3	762 mm (30")
4	1016 mm (40")

Table 2 : Adaptor

Code	Description
3	SOE - single open end with flat end and external 222 O-rings
7	SOE - single open end with fin end and external 226 O-rings
8	SOE – single open end with fin end, plug-in style and external 222 O-rings
28	SOE – single open end with fin end, bayonet lock and external 222 O-rings

Table 3 : O-ring Seal Material

Code	Description
H4	Silicone Elastomer
J	Ethylene Propylene Rubber

The Supor Beverage filter cartridges each use a single layer of Supor polyethersulfone (PES) 0.45 µm filter membrane in a polypropylene filter construction.

Supor Beverage filters are suitable for microbial removal from aqueous-based, slightly alcoholic food and beverage products, such as wine.

An initial flush is recommended prior use.

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 Reference FBDCSBENa
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Supor beverage Filter Cartridges (AB Style “W” Code)

Components

Filter Membrane	One layer of hydrophilic Supor polyethersulfone membrane
Support / Drainage	Polypropylene
Cage	Polypropylene with titanium dioxide filler
Core, End Cap and Fin End	Polypropylene
Adaptor	Polypropylene with a stainless steel reinforcing ring as appropriate to design*
O-ring Seal	Ethylene Propylene Rubber (J) or Silicone Elastomer (H4)

Declaration

Supor Beverage “W” Code filter cartridges comprise of materials that meet regulatory and legislative requirements and guidelines for food contact in that:

Europe

The “W” Code Supor Beverage filter cartridges meet the requirements for food contact as detailed in European Regulation (EC) Number 1935/2004 in that:

- Our suppliers Information indicates that the polymeric materials used to produce “W” Code Supor Beverage filter cartridges are made from monomers and additives consistent with Annex I of European Regulation (EU) number 10/2011 and its amendments relating to plastic materials and articles intended to come in contact with foodstuffs (excluding seals).

Migration testing of cartridges employing the same materials of construction as the ‘W’ code Supor Beverage filter, has been performed, and met migration criteria after flushing and in flow conditions.

OML tested as AB1SBB7WH4 In:-

10% ethanol for 2 hours at reflux,
3% acetic acid for 2 hours at reflux,
20% ethanol for 2 hours at reflux.
plus ethanol 50% for 2 days at 60 °C.

- Our supplier states that the Silicone elastomeric seal material used conforms to BfR recommendation XV.
- Our supplier states that the EPR elastomeric seal material used conforms to BfR recommendation XXI.

Note:

This product contains materials that are subject to Specific Migration Limit (SML) requirements.

USA

The raw materials of construction meet the FDA requirements for food contact use as detailed in Code of Federal Regulations, 21 CFR paragraphs 170-199 in that:

- Polypropylene to 21 CFR section 177.1520 (Olefin polymers)
- Polyethersulfone resin to 21 CFR section 177.2440 (Polyethersulfone resins)
- Ethylene Propylene Rubber and Silicone Elastomeric seal materials to 21 CFR section 177.2600 (Rubber articles intended for repeated use, excluding milk and edible oils)

In addition, the Supor SBB filter employs a copolymer of polyethylene glycol dimethacrylate, trimethylolpropane trimethacrylate and 2-hydroxyethyl methacrylate. Filters employing this chemistry in a membrane cartridge for the filtration of beer, wine and water have been granted US Food Contact Substance Notifications FCN 001397, FCN001403, FCN001408 and FCN001509. Please see FDA website for details of suitable uses.

Process Quality System

Site of Manufacture: Pall Filtersystems GmbH, Bad Kreuznach, Germany on behalf of Pall International Sàrl.

The Quality Management System at Pall Filtersystems is certified to ISO 9001:2008.

These products / product packaging carry a lot number / date code to facilitate traceability to suppliers' materials and Pall production records.

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