

# DECLARATION OF COMPLIANCE SUPRADisc™ I Depth Filter Modules AKS4 “W” Code

## Module Part Number

300 X AK4    S P 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 : Adaptor**

Code	Diameter
C	Flat Gasket
S	Double O-ring

**Table 2 : Nominal Diameter**

Code	Diameter
2	305 mm (12")
4	406 mm (16")

**Table 3 : Number of Cells**

Code	Number
05	5
09	9
15	15
19	19

The SUPRADisc I AKS4 depth filter modules with activated carbon are intended for decolorization and deodorization applications including distilled spirits, sweetener and sugar syrups, juice, wine, beer, gelatin, and high alcohol extracts. Additionally, AKS4 sheets may be used to dechlorinate water.

An initial flush is recommended prior to use.

Issued            1 May 2010  
 Revised        10 February 2021  
 Expires         28 February 2023  
 Reference      FBDCSDISCAKS4ENj  
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Mario Basters  
 Quality Assurance & Regulatory Affairs Manager  
 Pall Filtersystems GmbH

## SUPRAdisc I Depth Filter Modules (AKS4 Range “W” Code)

### Components

Hardware:	Polypropylene
Filter Media:	Cellulose, binder resin, activated carbon, perlite, diatomaceous earth and polyolefin fibers
Gasket:	Silicone elastomer (S)

### Declaration

SUPRAdisc I AKS4 depth filter modules comprise of materials that meet regulatory and legislative requirements and guidelines for food contact in that:

### Europe

The “W” Code SUPRAdisc I AKS4 depth filter modules meet the requirements for food contact as detailed in European Regulation (EC) Number 1935/2004 in that:

- Our suppliers state that the binder resin is suitable for use in the production of paper and paperboard intended to come into contact with food, according to with BfR Recommendations XXXVI and XXXVI/1.
- Our suppliers state that the monomers and additives of the polymer fibers are listed in European Regulation (EU) Number 10/2011 Annex I.
- The filter sheet product complies with BfR Recommendations XXXVI and XXXVI/1, as well as with the German Foodstuffs and Animal Feed Code (LFGB) §§ 30 and 31
- Our suppliers state that the polypropylene used to make the hardware components are produced in accordance with the lists scoped in European Regulation (EU) 10/2011 Annex I and its amendments relating to plastic materials and articles intended to come into contact with foodstuffs.

Migration testing of the polypropylene hardware components was performed in the following simulants after flushing and in flow conditions:

Simulant B (3 % Acetic Acid) for 30 minutes at 40 °C (104 °F)

Simulant D1 (50 % Ethanol) for 30 minutes at 40 °C (104 °F).

Note:

This product contains Polypropylene that is subject to Specific Migration Limit (SML) requirements.

This product contains Calcium Stearate, which is approved as a direct food additive.

Users should satisfy themselves that these materials are suitable for use in their specific food application.

### Mercosur

SUPRAdisc I AKS4 depth filter modules meet the requirements of food contact as detailed in Reglamento Técnico Mercosur sobre materiales celulósicos para cocción y filtración en caliente, Mercosur/GMC/Res. No. 41/15.

### USA

The following 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)
- Cellulose and binder resin to 21 CFR section 177.2260 (Filters, resin bonded) and to 21 CFR section 176.170 (Components of paper and paperboard in contact with aqueous and fatty foods).

- Polyolefin fiber materials to 21 CFR section 177.1520 (Olefin polymers)
- Total filter sheet material extractables as per 21 CFR section 177.2260 (Filters, resin bonded) (g) (h) (i) (j) (k) (l)
- Silicone elastomeric seal materials to 21 CFR section 177.2600 (Rubber articles intended for repeated use, excluding milk and edible oils)

The following are listed in the Food Chemical Codex (FCC): Activated carbon, Perlite and Diatomaceous Earth

### 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 GmbH, Bad Kreuznach, is certified to ISO 9001:2015.

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

Pall Filtersystems GmbH confirm that this product is manufactured in line with the principles of food contact materials GMP as detailed in Regulation 2023/2006.

### Supplied in Europe by

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