

DECLARATION OF COMPLIANCE

SUPRApak™ Plus Depth Filter Modules

PH Range “W” Code

Module Part Number

SUPRApak PH W

Table 1 Table 2

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

Table 1 : Product Grade

Code	Description
5700	
5900	PH Range
7200	

Table 2 : Nominal Dimensions

Code	Description
S	250 mm (9.8") / 183 mm (7.5")
M	250 mm (9.8") / 285 mm (11.2")

SUPRApak Plus PH depth filter modules incorporate proprietary depth filter media configured into a modular format that fits easily into an enclosed housing for safe, simple and hygienic operation.

The modules are available for clarification of fluids in the food and beverage industry including spirits. Additionally, these modules are suitable for filtration of high alcohol extracts.

An initial flush is recommended prior to use.

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 Pall Filtersystems GmbH

SUPRApak Plus Depth Filter Modules (PH Range “W” Code)

Components

Hardware

Tubular center core	Polypropylene (20 % talc filled)
Intermediate rings	Polypropylene (20 % talc filled)
Sealing Line	Polypropylene

Filter Media

Cellulose and binder resin
Perlite and diatomaceous earth
Polyolefin fibers

Declaration

SUPRApak Plus PH depth filter modules comprise of materials that meet regulatory and legislative requirements and guidelines for food contact in that:

- **Europe**

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

- The cellulose filter sheet material components comply with German Recommendation XXXVI and XXXVI/1 as well as with the German Foodstuffs and Animal Feed Code (LFGB §§30 and 31). Additionally, the polyolefin fiber media component material employs monomers and additives listed in European Directive 10/2011/EC.

Migration testing of the filter media has been performed in Isooctane (as an oil replacement) for 2 hours at 60 °C (140 °F).

Additionally polyolefin fiber component materials have been extraction tested to German Recommendation XXXVI/1 with hot water at 85 °C (185 °F).

- Our suppliers state that the polypropylenes (natural and 20 % talc filled) used to make the hardware components are produced in accordance with the relevant requirements of Commission Regulation (EU) Number 10/2011 and its amendments. A pigment in the polypropylene is compliant to BfR Recommendation IX (Pigments).

Migration testing of the polypropylene (natural and 20 % talc filled) hardware components were performed in the following simulants for use after flushing and in flow conditions, repeat use:

Simulant B (3 % acetic acid) at 100 °C (212 °F) for 120 minutes
Simulant D1 (50% ethanol) at 70 °C (158 °F) for 120 minutes and at 60 °C (140 °F) for 2 days
for all aqueous, acidic and alcoholic foods and milk products

Simulant D2 (olive oil) at 100 °C (212 °F) for 120 minutes, repeated use, for sealing lines and gasket

Additionally, migration testing of 20% talc filled polypropylene was performed in the following after flushing and in flow conditions:

6% acetic acid, at 85 °C (185 °F) for 30 minutes
80% ethanol, at 60 °C (140 °F) for 150 minutes
Isooctane as an oil replacement, at 60 °C (140 °F) for 30 minutes
Sunflower oil, at 88 °C (190 °F) for 30 minutes

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

Note:

This product contains materials that are subject to Specific Migration Limit (SML) requirements.
This product contains calcium stearate, which is approved as a direct food additive.
Talc does not contain asbestiform fibers.

Mercosur

SUPRApak Plus PH 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 for the filtration of bulk alcohol beverages not exceeding 80 % alcohol by volume, at temperatures not exceeding 60 °C (140 °F).

- Polypropylene (employed hardware) to 21 CFR section 177.1520 (Olefin polymers) with Polypropylene Pigment to 21 CFR section 178.3297 (Colorants for 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) 50 % ethanol at room temperature and n-hexane at reflux were used in the extractables testing.

The following are listed in the Food Chemical Codex (FCC): 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.

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