

## DECLARATION OF COMPLIANCE SUPRAPAK™ Depth Filter Modules SH Range “W” Code

### Module Part Number

SUPRAPAK SH   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	Range
5300	SH Range
5700	
5900	
7200	

**Table 2 : Nominal Dimensions**

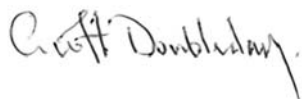
Code	Description
XS	70 mm (2.8") / 183 mm (7.2")
L	250 mm (9.8") / 415 mm (16.3")

SUPRAPAK SH depth filter modules incorporate a variety of proprietary depth filter media in a convenient, disposable filter module, with polypropylene hardware and a polyester strap.

SUPRAPAK SH depth filter modules are intended especially for spirits filtration at up to 40 °C (104 °F).

An initial flush is recommended prior to use.

Issued            1 September 2009  
 Revised        1 March 2010  
 Expires         28 February 2011  
 Reference      FBDCSPAKSHENa  
 Page            1 of 3



Geoff Doubleday  
 European Quality Manager



Klaus Baranowski  
 Quality Manager  
 Pall Filtersystems GmbH

## SUPRApak Depth Filter Modules (SH Range “W” Code)

### Components

#### Hardware

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

Attaching straps Polyester

#### Filter Media

Cellulose binder resin  
Perlite and diatomaceous earth  
Polyolefin fibers

### Declaration

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

#### • Europe

The “W” Code SUPRApak SH 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 component material employs monomers and additives listed in European Directive 2002/72/EC. Sheet materials have been extraction tested with hot water at 85 °C (185 °F) to German Recommendation XXXVI/1

Our suppliers state that the polypropylene (20 % talc filled) and polyester used to make the hardware components are produced in accordance with the lists in European Directive 2002/72/EC and its amendments relating to plastic materials and articles intended to come into contact with foodstuffs. A pigment in the polypropylene is to BfR Recommendation IX.

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

Distilled Water (Simulant A) at 40 °C (104 °F) for 30 minutes

6 % acetic acid (Simulant B) at 40 °C (104 °F) for 30 minutes and also at 85 °C (185 °F) for 30 minutes

50 % ethanol (Simulant C) at 40 °C (104 °F) for 30 minutes

80 % ethanol at 60 °C (140 °F) for 150 minutes

Note:

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

This product contains talc (E 553b) and calcium stearate, which are approved as direct food additives.

#### • 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 alcoholic beverages not exceeding 50 % alcohol by volume, at temperatures not exceeding 49 °C (120 °F):

Polypropylene (employed hardware) to 21 CFR section 177.1520 (Olefin polymers) with Polypropylene Pigment to 21 CFR section 178.3297 (Colorants for polymers)

Polyester (employed in strap) to 21 CFR section 177.1630 (Polyethylene phthalate 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 Bad Kreuznach, Germany

The Quality Management System at Pall Bad Kreuznach 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.

## Supplied in Europe by

Pall Filtersystems GmbH  
Planiger Strasse 137  
55543 Bad Kreuznach  
Germany



### Pall Food and Beverage

New York - USA  
+1 516 484 3600 telephone  
+1 886 905 7255 toll free


Portsmouth - UK  
+44 (0)23 9230 2269 telephone  
+44 (0)23 9230 2509 fax  
industrialeu@pall.com

Visit us on the web at [www.pall.com](http://www.pall.com)

---

Pall Corporation has offices throughout the world. For Pall representatives in your area, please go to [www.pall.com/contact](http://www.pall.com/contact).

Because of developments related to products, systems and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit [www.pall.com](http://www.pall.com) to verify that this information remains valid.

© Copyright 2010, Pall Corporation. Pall,  and SUPRApak are trademarks of Pall Corporation. ® indicates a trademark registered in the USA. Filtration.Separation.Solution is a service mark of Pall Corporation.