

DECLARATION OF COMPLIANCE SUPRAdisc™ II Depth Filter Modules ZD Range “W” Code

Module Part Number

200 P W
Table 1 Table 2 Table 3 Table 4

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

Table 1 : Sheet Media Type

Code	Description
ZDEK	EKZD
ZD08	KS80ZD
ZD10	K100ZD
ZD25	K250ZD

Table 2 : Adaptor

Code	Diameter
C	Flat Gasket
S	Double O-ring

Table 3 : Dimensions

Code	Nominal Diameter	# of Sheets	Area
232	287 mm (12")	32	1.8 m ² (19.4 ft ²)
440	410 mm (16")	40	5.0 m ² (54 ft ²)

Table 4 : Flat Gasket Options

Code	Description
S	Silicone (standard)
E	Ethylene Propylene Rubber

SUPRAdisc II ZD depth filter modules are intended for cold filtration of foodstuffs. The modules may be used for non-alcoholic and alcoholic beverages as well as applications including sweeteners, sugar syrups, enzymes, flavors and edible oils. Additionally, these modules are suitable for filtration of high alcohol extracts.

An initial flush is recommended prior to use.

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Mario Basters
 Quality Assurance & Regulatory Affairs Manager
 Pall Filtersystems GmbH

SUPRADisc II Depth Filter Modules (ZD Range “W” Code)

Components

Hardware:	Polypropylene
Filter Media:	Seitz® depth filter sheet material consisting of cellulose and binder resin
Gasket:	Silicone elastomer (S) or Ethylene Propylene Rubber (E)

Declaration

Europe

The “W” Code SUPRADisc ZD depth filter modules meets 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).
- Our suppliers state that the monomers and additives of the polypropylenes used to make the hardware components are consistent with Annex I of Commission Regulation (EU) Number 10/2011 and its amendments, relating to plastic materials and articles intended to come into contact with foodstuffs.

Migration testing of the polypropylene hardware components was carried out 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

The SUPRADisc II ZD 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 materials of construction meet the FDA requirements for food contact as detailed in US Code of Federal Regulation 21 CFR 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).
- Total filter sheet material extractables as per 21 CFR section 177.2260 (Filters, resin bonded) (g) (h) (i) (j) (k) (l)
- 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)

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

Pall International Sàrl
Av. de Tivoli 3
Fribourg
Switzerland
CH-1700




New York - USA
+1 516 484 3600 telephone
+1 866 905 7255 toll free
foodandbeverage@pall.com

Pall Food and Beverage Visit us on the web at www.pall.com

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