

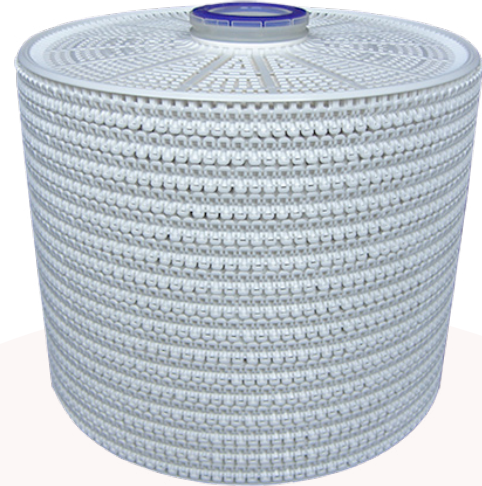
SUPRADISC II™ PERMADUR S

Reinforced Depth Filter Modules For Food & Beverage Application

DESCRIPTION

Pall's SUPRADisc II™ Permadrur S module is a unique combination of the Supradisc II design for lenticular sheet-based modules made with Permadrur S, polypropylene reinforced cellulose sheets. Permadrur S sheets are traditionally used for precoat applications due to the enhanced support and strength.

The SUPRADisc II Permadrur S module combines a cellulose sheet with polypropylene embedded fibers. Permadrur S sheets are traditionally used as support layers in classic earth plate and frame filters. With the best-in-class regenerability of the SUPRADisc II module, this module can be used to filter liquids with a higher level of suspended solids or increased viscosity and be regenerated for improved throughput and service life.



FEATURES

BENEFITS

| FEATURES | BENEFITS |
|--|---|
| <p>Synthetic microfiber reinforced cellulose-based media</p> | <ul style="list-style-type: none"> • Very strong filter media • Easy to regenerate • Applications include filtration of viscous liquids and light lees • Retention of wet strength, even with repeated hot sanitizations |
| <p>Supradisc II design with inside-outside separator technology</p> | <ul style="list-style-type: none"> • Very rigid and compact module design • Very high mechanical stability • No cell blinding, leading to 100% availability of filter area • Regenerable; capability to use backflush-mode to effectively remove surface caking • Up to 50% higher total throughput compared to classical single cell lenticulars • Enabling enclosed and hygienic sheet filtration |

FOOD CONTACT COMPLIANCE

Please refer to the Pall website www.pall.com/foodandbev for a Declaration of Compliance to specific National Legislation and/or Regional Regulatory requirements for food contact use.

MATERIALS OF CONSTRUCTION

Main components: Celluloses, Polyolefin fibers
 Components <3%: Resin

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CHARACTERIZATION

| Mass per Unit Area g/m ² | Thickness mm | Ash % | Heavy Metals* (ppm) | Permeability L/m ² /min at 1 bar |
|-------------------------------------|--------------|-------|---------------------|---|
| 855 | 3.5 | <1 | <50 | 4370 |

These figures have been determined in accordance with in-house test methods and the methods of the Technical/ Analytical Work Group within the European Depth Filtration Association. *According to recommendation XXXVI/1 of the BgW

| Grade | Extractable ions CA | Mass per Unit Area g/m ² | Mass per Unit Area g/m ² |
|------------|---------------------|-------------------------------------|-------------------------------------|
| PERMAdur S | 800 | 5 | 15 |

QUALITY

- Filter sheets produced in a controlled environment
- Manufactured according to ISO 9001:2008 certified quality
- Management System

AVAILABLE FORMATS

- SUPRADISC II 12.: Single layer, 1.8 m² filter area, flat gasket
- SUPRADISC II 16.: Single layer, 5.0 m² filter area, flat gasket