

PureDisc™ BDS2 Series Backflushable Filter Modules are new products and designed for repeated backflush applications. The external diversion of the BDS2 has the function of distributing the fluid to each filter plate. The BDS2 series modules can be backflushed either with water or product to remove contaminants and prolong their life. BDS2 series modules feature high filtrate quality with higher capacity, reliability, operational advantages, and robustness to meet customer demands and requirements for high-performance products.

Features

- Features proprietary unique design of a backflush set and backflushing is now possible
- Strong construction to resist vacuum or back pressure
- Meet the complex composition of the fluid filtration with a higher yield
- No effect of hot water washing or sterilization in-place
- Protection for back-end sterile filtration
- Easy to operate and suitable for most module filter housings

Application

- Polishing and clarification of beer, liquor, distilled spirits, wine, fruit wine, juices, sweeteners, and syrups, etc.
- Clarification of active pharmaceutical ingredients, blood products, vaccines, etc.

Material of Constructions

Media	Cellulose/Diatomaceous earth/ Resins etc.
Cage/Support/Diversion Seal	Polypropylene
Material Options	Silicone, EPDM, NBR, FKM

Dimension

1m²(10.8ft²) (Φ12", 9cells),
1.7m²(18.3ft²) (Φ12", 15cells),
1.8m²(19.4ft²) (Φ12", 16cells)



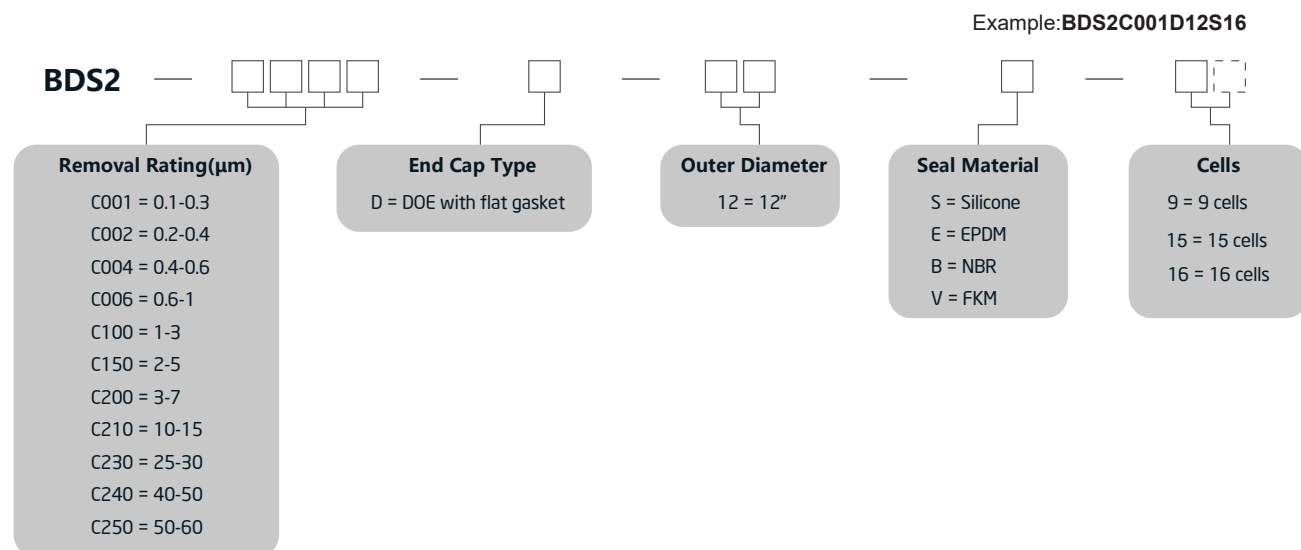
Performance

Max. Operating Temperature	80°C (176°F)
Max. Operating DP	3Bar(43.5psi) @25°C (77°F) 1Bar(14.5psi)@80°C (176°F)
SIP(Sterilization in-place)	125°C, 30min, 3cycles

Guarantees

- Manufactured in a clean room environment.
- Manufactured according to ISO9001:2015 certified quality management system.
- All components materials meet the requirements of the EU framework regulation [1935/2004/EC] regarding materials and articles intended to contact food.
- All components materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182.

Ordering Information



DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

