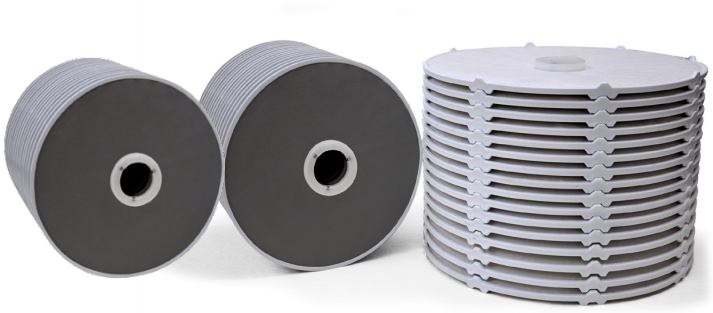
# GSDC-Series Activ Carbon Stacked Disc

The GSDC-Series lenticular modules are composed of specific media containing pure cellulose and activated carbon. The GSDC lenticular structure is made of 100% virgin polypropylene. The seals are available in a variety of materials to allow broad chemical compatibility and use in a wide range of liquid applications. Suitable for both low-capacity laboratory environments to large-scale production volumes GlobalFilter's GSDC lenticular modules provide solution purification as well as taste, odor and color removal. The GSDC-Series lenticular modules are designed to prevent the release of activated carbon fines.



## Dimensions (Nominal)

| Configuration | Materials of Construction | Effective Filtration Surface Area (EFA) |
|---|---|---|
| 12" diameter, 15 cells | Polypropylene edge seal, end rings | 1,67m² |
| 16" diameter, 15 cells | Polypropylene edge seal, end rings | 3,50 m² |

## Typical Applications

- API
- Chemical Intermediates
- Syrups & Flavorings
- Beer, Wine & Spirits
- Turbine Lube
- Cosmetics
- Plasma & Culture Media

## Operating Conditions

**Steam in Place**.....3 cycles up to 250°F (121°C)
**Temperature (max)**.....176°F (80°C)
**Differential Pressure (max)**.....30 PSID (2.1 bar) at 68°F (20°C)
**Recommended Rinse Volume**.....2.5 gal ft$^2$ (100L/m$^2$)

## Construction Materials

**Filtration Media**.....Cellulose and Activ Charbon
**Edge Seals**.....Polypropylene
**Spacer & Separator**.....Polypropylene
**Gasket Retainer**.....Polypropylene
**Gasket**.....Buna, EPDM, Silicone*, Viton®
Gaskets denoted with an asterisk (*) come as standard

## Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 1935/2004, and/or 10/2011.

## Ordering Information

| GSDC | A | Media | Cell Diameter | # of Cells | Gaskets |
|---|---|---|---|---|---|
| | | N = Activ Carbon (45% w/w) | 12 = 12" | 15 = 15 Cells | B = Buna |
| | | | 16 = 16" | | E = EPDM |
| | | | | | S = Silicon* |
| | | | | | V = Viton® |
| | | | | | T = PTFE |

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.

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