

GREAT WALL BIODEPTH™

LENTICULAR MODULES

PRODUCT INFORMATION

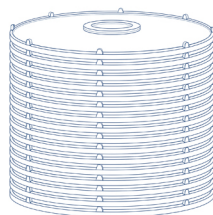
Great Wall
Depth Filtration Solutions

Shenyang Great Wall Filtration Co., Ltd

Dedicated & Experienced in the Filtration Industry
Pioneering Since 1989

Great Wall BIODEPTH™ Modules

The filter media of Great Wall™ BIODEPTH™ modules for pharmaceutical use is made from cellulose fibers, inorganic filter aids (such as diatomaceous earth, etc.), and binding resins. They employ three retention mechanisms: surface filtration, depth filtration, and electrostatic adsorption.



Features

- The filtersheet adsorbs negatively charged dirt, microorganisms, and viruses with positive potential, achieving excellent filtration and separation.
- High flux filtration in pharmaceutical and food & beverage industries.
- Thermal filtration fluid has no adverse influence to depth filter sheets.
- Protection for subsequent sterile filters as well as chromatography columns.
- Permeability and absorbability of filter sheets improving due to charged resins.
- High dirt holding capacity combined with low protein adsorption.
- Long service life and high economic efficiency.
- Easy to operate, available in multiple grades and sizes.

Dimension

Cells	16 cells
Outer Diameter	12"
Filtration area	1.92m ²

Material of Constructions

Media	Filter aids, Cellulose, Resin
Support/Diversion	Polypropylene
Seal Material	Silicone

Performance

Max. Operating Temperature	80°C(176°F)
Max. Operating DP	2Bar(29psi)@25°C(77°F) 1Bar(14.5psi)@80°C(176°F)

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] regrading materials and articles intended to contact food.
- All components materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182.
- Filter media aqueous extract contains <0.125 EU/mL as determined by the Endotoxin Kinetic Chromogenic Assay

Applications

Clarification of API liquids	Filtration of vaccine production
Blood plasma fractionation process	Endotoxin reduction

Relative Retention Rating

Article Number	Relative Retention Rating
DLDS1216SC001AP	0.1-0.2μm
DLDS1216SC002AP	0.2-0.4μm
DLDS1216SC005AP	0.5-0.8μm
DLDS1216SC100AP	1-3μm

Distributor in Russia

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