

**mdj ClariCap GS** Microglassfiber Capsule Filters Type DGS are multilayered, high throughput filters, specially designed for turbid and difficult to filter solutions. The microglassfiber medium is designed to retain colloidal particles and for removal of deformable and non-deformable particles and microorganisms from liquids.

The polypropylene layer downstream of microglassfiber layers prevents media migration. The high dirt holding capacity, biochemical inertness, adsorption and high wet strength of the filtration medium makes it suitable for clarification and prefiltration of wide range of aqueous, non-aqueous and biologicals solutions.

### Special Features

- Very high particulate retention efficiency
- High throughput
- High heat resistance
- Wide chemical compatibility
- No media migrating
- Biologically inert
- Easy installation

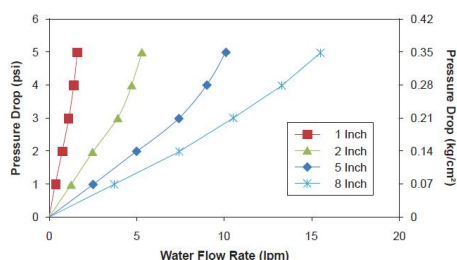


### Applications

- Pre-filtration of high value difficult to filter drug solutions
- Precipitate removal in protein processing and plasma fractions
- Removal of un-dissolved buffer salts and cell culture media
- Prefiltration of serum and other viscous biologicals
- Polishing of turbid solutions

### Water Flow Rates

#### 0.7µm ClariCap GS Capsule Filters



Complies with  
USFDA 21 CFR 210.3 (b) (6)

Meets and Exceeds  
USFDA 21 CFR 177.1520

### Specifications

#### Material of Construction

*Housing* – Polypropylene

*Filter* – Multilayered Microglassfiber

#### Maximum Differential Pressure

≤ 4 Kg/cm<sup>2</sup> @ 30° C

#### Maximum Operating Temperature

80° C @ < 2 Kg/cm<sup>2</sup>

#### Retention Efficiency

99.999%

#### Sterilization

By Gas	Sterilization by Ethylene Oxide
By Autoclave	30 autoclave cycles at 125° C for 30 minutes each

#### Oxidizable Matter

Passes test as per USP <1231>

#### Extractables

Passes NVR test as per USP <661>

#### Fiber Release

Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release.

#### Particle Release

The filtrate complies with USP <788> test for particulate matter in injections

#### Toxicity

Passes Biological reactivity Test, In Vivo as per USP <88> for Class VI plastics

### Ordering Information

Type	Size	Pore Size	I/O Connection	X	X	Sterility	Pack Size												
Code	Code	Code	Code			Code	Qty												
ClariCap GS	DGSX	1"	51	0.7µm	41	¼" SHB	A												
		2"	52	1µm	05	½" Hose barb	D												
		5"	53	1.5µm	14	1½" Sanitary Flange	E												
		8"	57	2µm	15	¾" Sanitary Flange	S												
						Quick Connector	J												
						Single Step ½" HB*	Q												
						Female Luer Lock**	U												
						Male Luer Slip***	W												
						3/16" Hose Barb****	N												
<b>Example:</b>						3/8" Hose Barb*	I												
DGSX		51		41		AA		X	X		1								01

\*Single Step ½" Hose Barb and 3/8" Hose Barb connection are not available in 1" Capsule Filters  
 \*\* Female luer lock is available in 1" and 2" capsule filters only  
 \*\*\*Male luer slip is available only in 1" capsule filter as outlet  
 \*\*\*\*3/16" hose barb end connection is available in:  
 - 1" and 2" capsule filters as inlet and outlet  
 - 5" as outlet only