

Whatman GD/X™ Syringe Filters

Now available in Regenerated Cellulose (RC)

When you need to filter a high particulate solution, choose the Whatman GD/X Syringe Filter. This top-of-the-line disposable syringe filter allows you to filter more of your sample in less time. Now GD/X is available with the versatile RC membrane. RC membrane is naturally hydrophilic and is compatible with a wide array of organic solvents, enabling you to use the same filter type for both aqueous and organic samples.

Features and benefits

- **Increased volume throughput:** Volume of sample filtered can be three to seven times greater than conventional filters.
- **Superior performance:** Four layers of filtration media reduce blockage and the need to replace the filter in mid-operation.
- **Less hand force required:** The unique pre-filter layer allows high particulate samples to be filtered with less hand force, minimizing operator fatigue.
- **Chemically resistant to a wide range of solvents; suitable for aqueous and organic media:** Resistant to all common HPLC/UHPLC solvents.
- **Naturally hydrophilic:** No wetting agents to leach out as none are added to membrane.
- **Mechanically staple/high wet strength**

Applications

- Hard-to-filter samples
- Dissolution testing
- Content uniformity
- Environmental samples
- Composite assays
- Food analysis
- Biofuel analysis

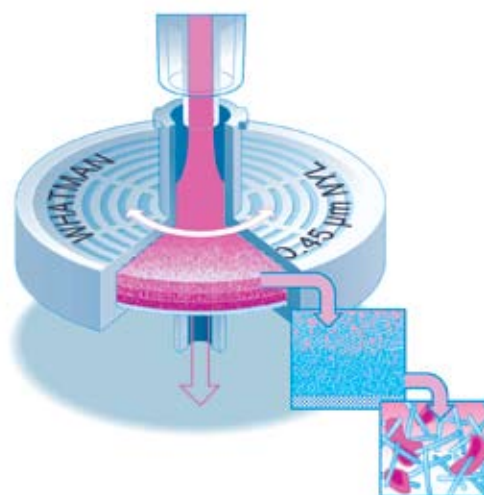
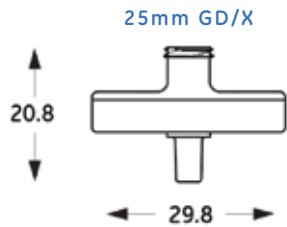


Fig 1. Proprietary Whatman filtration layers significantly enhance sample preparation efficiency.





GD/X syringe filters contain four filtration layers which help reduce blockage and increase volume throughput.



Layers 1 & 2

Glass microfiber prefilter GMF 150 (graded density) Filters from 10 μm to 1 μm



Layer 3

Glass microfiber prefilter GF/F filters down to 0.7 μm



Layer 4

Membrane filter RC. Filters down to 0.45 μm or 0.2 μm

Table 1. Characteristics

Filtration area	25 mm: 4.6 cm ²	
Maximum pressure	25 mm: 75 psi (5.2 bar) at 20°C	
Materials of construction	Housing: Polypropylene	Filtration Media: Regenerated Cellulose
Hold-up volume	25 mm: Full Housing: ~1.0 ml	With Air Purge: ~250 μl
Connectors	Inlet: Female Luer Lock (FLL)	Outlet: Male Luer (ML)
Flow direction	Flow from inlet to outlet (FLL to ML)	
Sterilization	Can be autoclaved at 121°C at 15 psi for 20 minutes	

Table 2. Ordering information-
GD/X Syringe Filters with RC

25 mm Syringe Filters Non-Sterile		
Pack Size	Pore Size (μm)	Catalog Number
150	0.2	6887-2502
	0.45	6882-2504
1500	0.2	6888-2502
	0.45	6883-2504

www.gelifesciences.com/GDX

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