



ENFIL[®] - LGF

GF Pleated Cartridge Filter



유리섬유(Glassfiber) 카트리지 필터(LGF)는 미세유리섬유 여재를 절곡하여 카트리지 형태로 제작한 제품입니다. 유리섬유 카트리지 필터는 합성섬유보다 훨씬 작은 직경의 소재로 인해 Absolute 등급의 고효율, 저차압 특성을 나타냅니다. 특히 Liquid Glassfiber(LGF)는 산업용 필터로써, LCD 제조의 핵심인 밀베이스 공정이나, 과당정제용 공정 등 다양한 분야에서 적용되고 있습니다.

Glassfiber Pleated Cartridge Filter(LGF) is a cartridge type product manufactured by pleating the micro glassfiber media.

Glassfiber Pleated Cartridge Filter employs the glassfiber holding smaller diameter than synthetic fibers and provides the absolutely outstanding property in terms of absolute grade efficiency, high flow rate and low pressure loss. Particularly, the Liquid Glassfiber has been used in wide variety of industry fields such as the millbase process, the core process in LCD manufacturing, or fructose refining process.



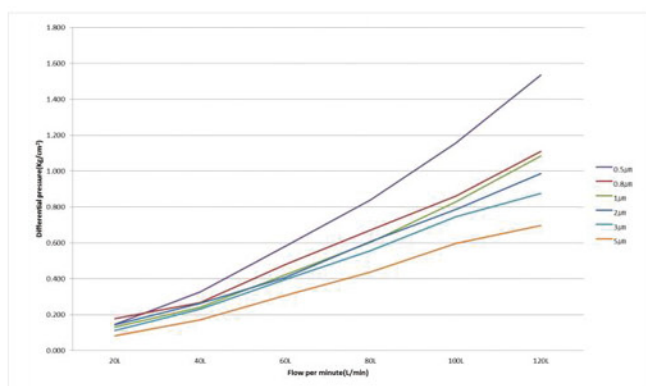
Specifications

- Materials : Micro glassfiber, Electropositive glassfiber
- Filtration Rate : 0.5 micron ~ 5 micron
- Lengths : 10" ~ 40"

Application

- Fine Chemicals, reagents, Solvents, lotions
- Shampoos, creams, soft drinks, syrups
- DI / RO treatment water, Semiconductor Industry
- Water Treatment

Typical Liquid Flow Rates



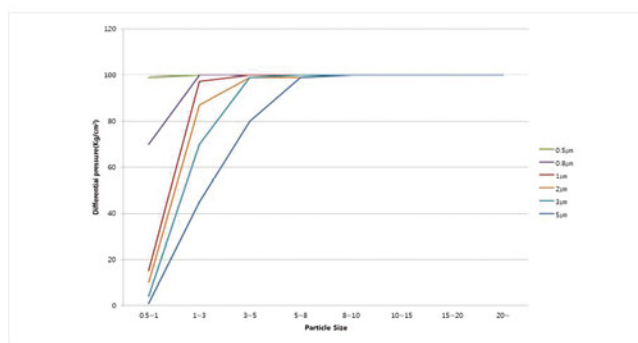
Features & Benefits

- Resin-bonded glass fiber filter media
- Thermal bonded construction ensures integrity
- All materials are FDA listed for food contact use
- Can be autoclaved or steam sterilized
- Electropositive charged glassfiber filter available

Operating condition

- Maximum differential pressure
: 70 psid (4.8bar) at 25°C
- Maximum operating temperature
: 180°F (82°C) at 10 psid

Particle removal efficiency



Ordering Guide

EN EPGF 1 – 1 / 2 / 3 / 4 / 5 / 6

① Removal Rating		② Length		③ Material		④ Core		⑤ End Style		⑥ Seal Material	
Code	Type	Code	Inch	Code	Type	Code	Type	Code	Type	Code	Type
00050	0.5 µm	1	10"	G	GlassFiber	P	PP	A	DOE	S	Silicone
00080	0.8 µm	2	20"					B	222 Fin	V	Viton
00100	1 µm	3	30"					C	226 Fin	B	Buna-N
00200	2 µm	4	40"					D	222 Flat	E	EPDM
00300	3 µm							E	222 Flat	N	None
00500	5 µm										

