



ENFIL® - LPP

PP Pleated Cartridge Filter



폴리프로필렌(Polypropylene, PP) 카트리지 필터(LPP)는 Pleated 카트리지 필터의 특성상 최대 여과면적을 가지도록 제조되어 유량과 압력손실 면에서 그 성능이 우수하며 열을 이용한 접합방식으로 구조적 안정성을 가지고 있습니다.

Polypropylene 재질의 안정적인 소재를 사용하여 다양한 산업분야의 수처리 시스템에서 최종 단계 필터의 여과수명을 높이기 위한 전처리용 필터로 주로 사용되며, 일부 공정에서는 최종 필터로 사용되기도 합니다.

Polypropylene(PP) Cartridge Filter is manufactured to provide the maximum filtration area by the unique characteristics of pleated cartridge filter, offering excellent performance in terms of flow rate and pressure loss and structural reliability with connection using heat.

PP Cartridge Filter made of stable polypropylene material is primarily used for pre-treatment filter to extend the filtering life cycle of final filter in the water treatment systems of diverse industrial sectors, which in some application processes is used as the final filter.



Specifications

- Material : polypropylene
- Filtration rate : 0.2micron ~ 40micron
- Lengths : 10" ~ 40"

Application

- Fine chemicals, Reagents, Solvents, Lotions
- Shampoos, Creams, Soft drinks, Syrups
- DI / RO treatment water, Air filtration

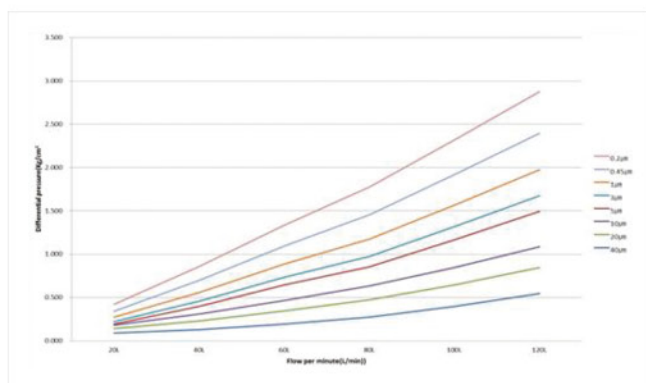
Features & Benefits

- All polypropylene pleated filter cartridge
- Thermally bonded construction ensures integrity
- End configurations to fit all standard housings
- Broad chemical and solvent compatibility
- All materials are FDA listed for food contact use

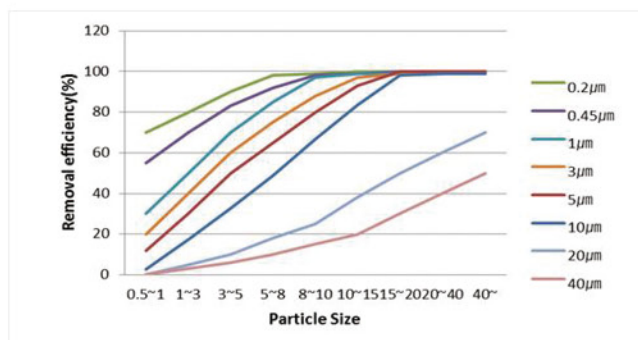
Operating condition

- Maximum differential pressure
: 60 psid (4.1bar) at 25°C
- Maximum operating temperature
: 180°F (82°C) at 10 psid

Typical Liquid Flow Rates



Particle removal efficiency



Ordering Guide

EN PP. 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
00002	0.2 µm	1	10"	P	PP	P	PP	A	DOE	S	Silicone
00045	0.45 µm	2	20"					B	222 Fin	V	Viton
00100	1.0 µm	3	30"					C	226 Fin	B	Buna-N
00300	3 µm	4	40"					D	222 Flat	E	EPDM
00500	5 µm							E	222 Flat	N	None
01000	10 µm										
02000	20 µm										
04000	40 µm										