



ENFIL[®] - LWD

String Wound Filter



String Wound Filter(LWD)는 전처리 필터의 용도로서 다양한 재질(PP, Cotton 등)의 Yarn을 이용해 감아서 제작한 제품입니다. One-piece의 Yarn으로 제작되며 Yarn이 감기면서 형성된 Diamond 모양의 공극은 내부로 들어갈수록 작아져서 오염물질의 단계별 제거가 이루어지므로 효율적인 Depth 여과가 가능하게 됩니다.

String Wound Filter는 낮은 가격으로 높은 포집능을 가지면서 믿을 수 있는 여과를 원하는 공정에 적합합니다. 또한 Cotton Yarn에 Sus Core를 사용한 제품은 고온의 작업공정이 요구되는 시스템에 적합하며, 대부분의 물리적, 화학적 공정요인에 강점을 가지고 있습니다.

String Wound Filter(LWD) is used for pre-treatment filter application, as manufactured through winding process using the yarns of various materials (PP, Cotton & etc.). It is to be manufactured with one-piece yarn forming the air gap of diamond shape going further inside, and the polluted material removing by each process allowing effective depth filtration.

String Wound Filter is ideal for those processes requiring reliable filtering operation at low cost with high filtering capability. Moreover, the product employing the SUS core with cotton yarn is suitable for the systems engaged with high temperature work process, and offers the much favorable advantages in almost all the physical and chemical processes.



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Specifications

- Materials
 - Core : Polypropylene / 304,316 SS
 - Yarn : Polypropylene / Cotton
- Filtration Rate : 0.8 micron ~ 200 micron
- I.D : 28mm / 30mm
- Length : 10" ~ 40"

Application

- Power Generation
- Chemicals, Food & Beverages, Pharmaceuticals
- Petrochemicals, Paints & Inks, Plating Solution
- For pre-filtration of DI/RO water

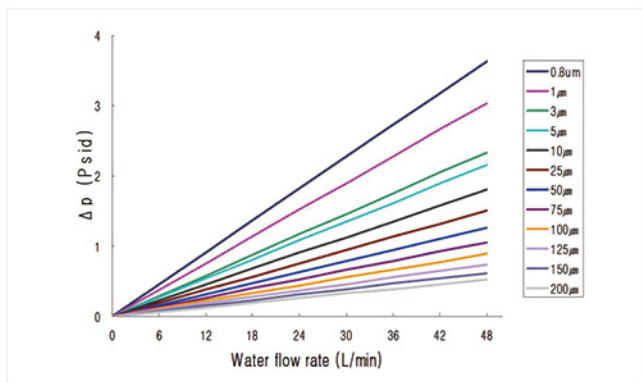
Features & Benefits

- PP or cotton yarn
- Pre-filtration application
- No leakage of fiber from filter cartridge
- Norminal micro ratings

Operating condition

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

Typical Liquid Flow Rates



Ordering Guide

EN PW / CW – 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
00005	0.5 μm	1	10"	P	PP	P	PP	N	None	N	None
00100	1.0 μm	2	20"	C	Cotton	S1	304 ss	C	PE cap	C	EPDM
00300	3.0 μm	3	30"			S2	316 ss				
00500	5.0 μm	4	40"								
01000	10 μm										
02500	25 μm										
05000	50 μm										
10000	100 μm										



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