Фильтры-картриджи со струнной обмоткой CW

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String Wound Cartridge Filter

String wound cartridges are manufactured with structured open outer layers and tight inner layers to offer true depth filtration for high dirt holding capacity and extremely low media migration. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can with stand higher PSID and severe operating conditions.

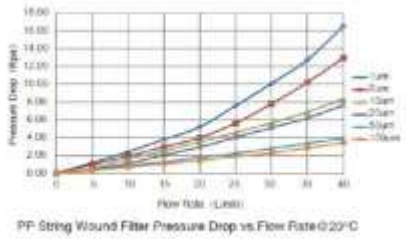
1.Oil & Chemical.

2.Plating.

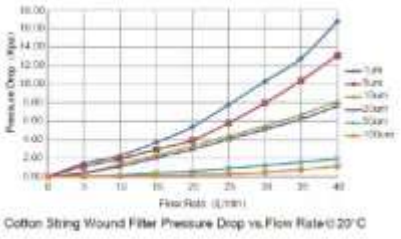
3.Mining.

4.Machinery & Equipment.

5.Industrial Water Treatment



PP String Wound Filter Pressure Drop vs.Flow Rate@20°C



Cotton String Wound Filter Pressure Drop vs.Flow Rate@20°C

Industry Application

In the field of industrial filtration, wire-wound cartridge filters stand out as reliable and versatile solutions for a variety of applications. These filters are manufactured with a structured open outer layer and tight inner layer to provide true depth filtration, high dirt holding capacity and extremely low media migration. The main advantage of wire-wound filter elements is their extremely high structural strength, allowing them to withstand higher PSID and harsh operating conditions. Let’s delve into various industrial sectors where wirewound cartridge filters play a key role.

Petrochemical industry:

In the petrochemical industry, filtration of various fluids is critical, and wirewound cartridge filters excel in providing efficient, reliable filtration. They are able to handle the harsh conditions and high flow rates often encountered in petrochemical processes.

plating:

Wirewound cartridge filters are vital in the electroplating industry, where filtration of plating solutions is critical to maintaining finished product quality. The rugged construction of wirewound filters ensures they can effectively capture contaminants and maintain the purity of plating solutions.

mining:

In the mining industry, where the extraction and processing of minerals requires effective filtration solutions, wire-wound cartridge filters are widely used. Their ability to withstand high pressure differentials and harsh working environments makes them ideal for mining applications.

Equipment:

Wirewound cartridge filters are an integral part of the smooth operation of various mechanical equipment. They are used to ensure the cleanliness of lubricating and hydraulic oils, thereby safeguarding the performance and service life of machinery.

Industrial water treatment:

In industrial water treatment, wirewound cartridge filters help remove particles and impurities from water streams. Their high dirt-holding capacity and structural integrity make them ideally suited to the stringent requirements of water treatment processes.

Wirewound cartridge filters are the cornerstone of industrial filtration, providing unparalleled strength and efficiency in different areas. Their ability to provide reliable and consistent filtration makes them indispensable in applications requiring robust and high-performance filtration. As the industry continues to evolve, wirewound cartridge filters will undoubtedly remain an important component in ensuring the integrity and efficiency of industrial processes.

Technical Specification

Dimension	[OD] 69mm,115mm [ID]:Φ 28mm, 30mm [Length]:10",20",30",40"
Material of Constructions	[Media] Polypropylene，Bleached cotton，Glass Fiber [Core]:PP,Stainless Steel
Performance	[Max. Operating temperature] Polypropylene(PP):80°C Bleached cotton:120°C Glass Fiber:200°C [Max. Operating DP]:2.0bar@25°C

Order Information

Outer Diameter	Material	Removal Rating	End Cap Type	Length	Seal Material
O=63mm B=115mm	A=PP yarn and PP core B=Cotton yarn and SS core C=Cotton yarn and PP core D=Glass fiber and SS core	1=1μm 5=5μm 10=10μm 20=20μm 50=50μm 75=75μm 100=100μm	F=DOE M=222/Flat P=222/Fin T=226/Flat Q=226/Fin	10=10"(254mm) 20 =20"(508mm) 30=30"(762mm) 40=40"(1016mm)	S=Silicone E=EPDM B=NBR V=Viton
					Core
					P=PP core S=SS core

String Wound Cartridge Filter

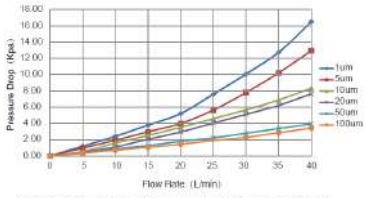
String Wound

Introduction

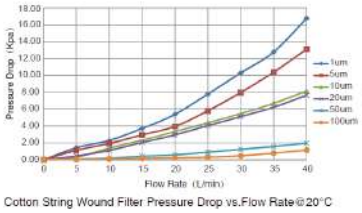
String wound cartridges are manufactured with structured open outer layers and tight inner layers to offer true depth filtration for high dirt holding capacity and extremely low media migration. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand higher PSID and severe operating conditions.

Solutions

- Oil & Chemical.
- Plating.
- Mining.
- Machinery & Equipment.
- Industrial Water Treatment.



PP String Wound Filter Pressure Drop vs.Flow Rate@20°C



Cotton String Wound Filter Pressure Drop vs.Flow Rate@20°C

Product specification

Dimension	[OD]: Φ69mm,115mm [ID]: Φ 28mm, 30mm [Length]: 10″, 20″, 30″, 40″
Material Of Constructions	[Media]: Polypropylene， Bleached cotton， Glass Fiber [Core]: PP,Stainless Steel
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Ordering Information

CWO1A10FS
CWB1B10FS

Outer Diameter	Material	Removal Rating	End Cap Type	Length	Seal Material
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Industrial Product

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