

# Wire Wound Filter Element

Long service life High dirt holding capacity Deep filtration

// The user can customize according to the actual working conditions //

- Pharmaceutical industry
- Food industry
- Electronic industry
- Petroleum and chemical industry

Product Description Working Principle Product Advantages Technical parameters Product Details Customer Cases

## Product Description

Wire-wound cartridge is a kind of deep filtering core, used for low viscosity and low miscellaneous quality filtration, which is made of textile fibre yarn (polypropylene yarn, skimmed cotton yarn, etc.), precisely wound on top of porous skeleton (polypropylene or stainless steel) according to a specific process, with a honeycomb structure of sparse outside and dense inside, which can effectively remove suspended matter, particles, rust and other debris in the fluid, and has very excellent filtration characteristics.

INQUIRY



Applications	Pharmaceutical industry, food industry, electronics industry, petroleum and chemical industry, etc.
Filtration media	water suspension, particulate matter, water dirt, bacteria and algae, rust, etc.

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## Working Principle

Wire-wound cartridges are formed by winding textile fibres in a specific way on a multiple skeleton. Different filter cartridges with different filtration precision can be made by controlling the winding density of the cartridge when winding. The filter cartridge has a large outer pore size and a small inner pore size, and has an excellent deep filtration effect.



Wire wound cartridges with different skeletons

## Product Advantages

### Precision

High filtration precision.  
Over 90% retention rate relative to filtration accuracy;Wide range of filtration precision to meet various application requirements;Good dirt retention;Long service life.



With internal thread construction,Enhanced pressure resistance

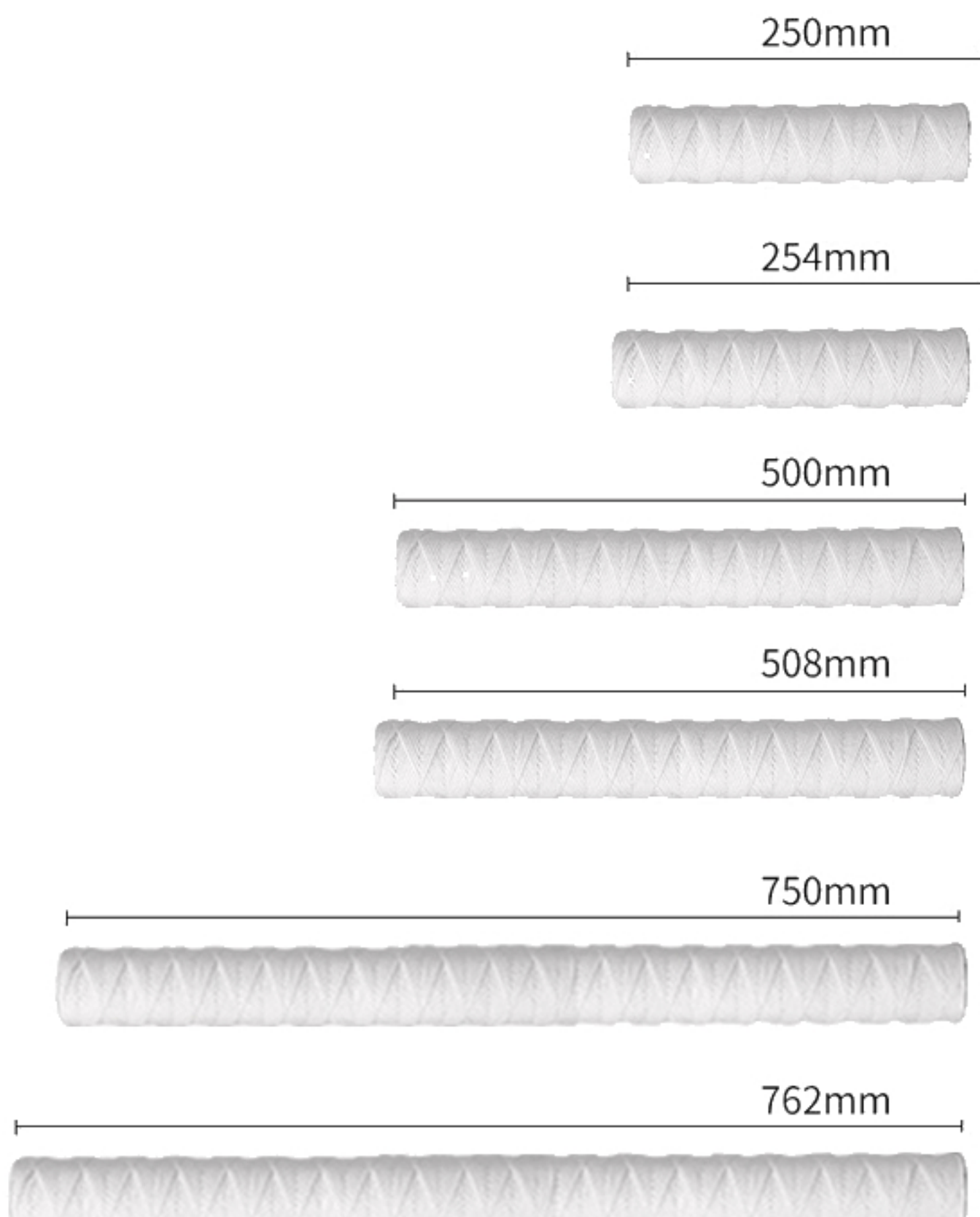


Using polypropylene composite filter membrane



Sparse outside, dense inside, honeycomb structure

## Technical parameters



Name: Wire-wound cartridge	Cartridge length: 10", 20", 30", 40"
Outer diameter of cartridge: Φ60mm, Φ65mm	Inner diameter of cartridge: Φ28mm, Φ30mm
Maximum pressure drop: 0.2MPa	Maximum pressure resistance: ≤0.5MPa
Filtration material: polypropylene PP line, skimmed cotton line, glass fibre line	Filtration precision: 1μm, 5μm, 10μm, 20μm, 30μm, 50μm, 75μm, 100μm
Central skeleton: polypropylene PP skeleton, stainless steel skeleton	
Maximum working temperature: polypropylene thread: polypropylene skeleton ≤ 60°C; stainless steel skeleton ≤ 80°C.	
Skimmed cotton thread: stainless steel skeleton ≤120°C	

Can be customized according to different working conditions

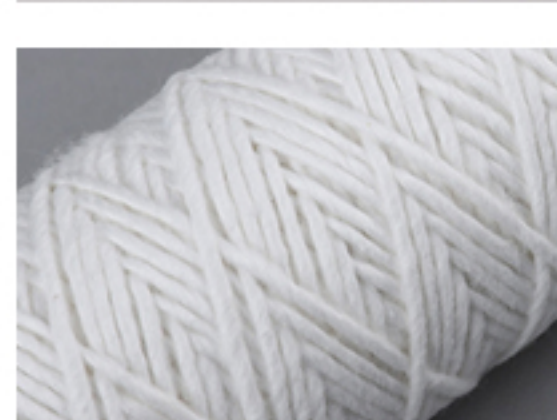
CATALOG

VIDEO

## Product Details

Pictures

Product details



## Customer Cases



Circulating water treatment site of a coal chemical enterprise in Shanxi  
Use: Cartridge filter element



Shandong an environmental company use site  
Use: Circulating water treatment



Henan a water treatment company after use  
Use: Cartridge filter circulating water treatment

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