



**The Highest Quality
In Cartridge Filtration**

 **UNITED FILTERS
INTERNATIONAL**
A Subsidiary of FilterCor Incorporated
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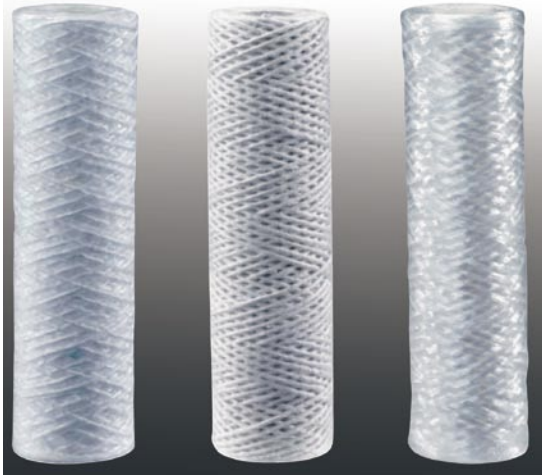
MEMBER OF
WATER QUALITY
ASSOCIATION





WOUND FILTER CARTRIDGES

UNITED FILTERS wound cartridge filters provide true depth filtration, high dirt holding capacity, and extremely low media migration. They are a superior, one-piece cartridge manufactured using a high speed, continuous wind process, and are available in a wide variety of lengths and porosities. Especially significant is the availability of filters in an almost endless combination of media and core material, to handle virtually any chemical and/or environment or temperature.



Wound Cartridge Filters

<i>Media</i>	Description	CORE GUIDE
<i>Polypropylene</i>	Economical core of choice for most applications in water and corrosives to 200°F.	
<i>Tin Plated Steel</i>	General purpose metal core for oils, solvents, paints, and other non-FDA applications. For use to 400°F.	
<i>304SS</i>	For high temperature applications on diluted acids and moderately corrosive fluids. For use to 750°F.	
<i>316SS</i>	For high temperature applications on strong acids and highly corrosive fluids. For use to 750°F.	

FILTER MEDIA SELECTION GUIDE

Media

• *Standard Polypropylene*

Description

For concentrated acids and alkalis, strong oxidizing agents, and corrosive fluids and gases. Easily incinerated to trace ash. For use to 200° F.

• *Fibrillated Polypropylene*

Non-migrating slit film polypropylene free of extractables used in ultra-pure liquids, electronics, and plating where non-leaching is critical. Chemical resistance is equal to standard polypropylene.

• *FDA Grade Polypropylene*

Ideally suited for potable water, Pharmaceutical and Food Processing Applications.

• *Natural Cotton*

For oils, water, paints, organic solvents, alcohols, and petroleum. Non-FDA applications. For use to 300° F.

• *Bleached Cotton*

Bleached to meet FDA standards for distilled water, beverages, vegetable oils, petroleum, fatty acids, and alcohols. For use to 300° F. FDA approved.

• *Rayon*

Fluid compatibility similar to bleached cotton, but with more coarse fiber and less absorbency than cotton. Swells in aqueous solutions. For use to 300° F.

• *Polyester*

Chemical resistance similar to polypropylene with high temperature resistance. For use to 350° F.

• *Nylon*

For special process applications, concentrated alkalis, and hydrocarbons. For use to 300°F.

• *Modacrylic*

For strong acids, concentrated alkalis, and oxidizing agents. For use to 200° F.

• *Fiberglass*

Available in both standard and baked media. Baking removes all traces of oil sizing, yielding virgin glass fiber. For use to 750° F.

• *Ryton*

Non oxidizing, good for high PH applications even at elevated temperatures. Is chemically resistant with many acids, salt solutions & automotive fluids. Max Temp 425°F.

CARBON FILTER CARTRIDGES

UNITED FILTERS carbon cartridges are a one-step carbon and filtration treatment. These cartridges eliminate the problems associated with loose carbon treatment and the need for a separate filtration system. The standard cartridges measure 2 3/4" OD with lengths varying from 4" to 40" and flow rates up to 2 1/2 gpm. These cartridges are designed to be used in either single or multi-tubed vessels.

Carbon styles include high grade highly activated granular coconut carbon, carbon impregnated paper, and wet molded carbon block. Outer wind materials include standard polypropylene, fibrillated polypropylene, and bleached cotton. Other exterior materials available include shells of porous polyethylene and a webbed material of polyolefin and synthetic fibers.

Many factors influence the rate and magnitude of adsorption on activated carbon. A few of the more important factors are the chemical nature of the substance being adsorbed, the type of solution it is being adsorbed from, and the type of system in which the carbon is being used. Due to those factors and our desire to meet each of our customer's needs, we manufacture and provide a wide range of activated carbon cartridges.



UPAMC
Impregnated Carbon

UPACM
Carbon
Wet-Molded Block

UPACG
Porous Shell/Granular
Carbon Cartridge

UCACP
Carbon Paper w/Wrap

UPAGC
Granulated Carbon w/Wrap

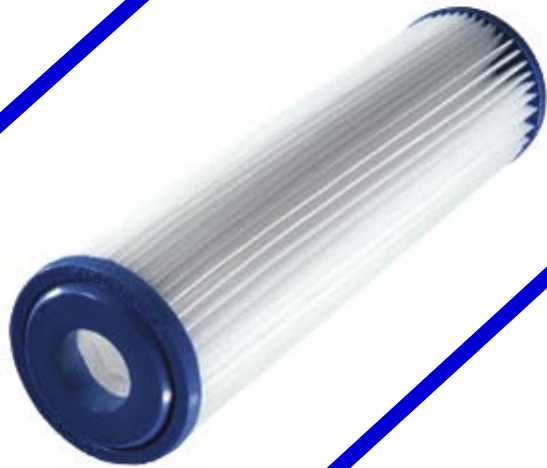
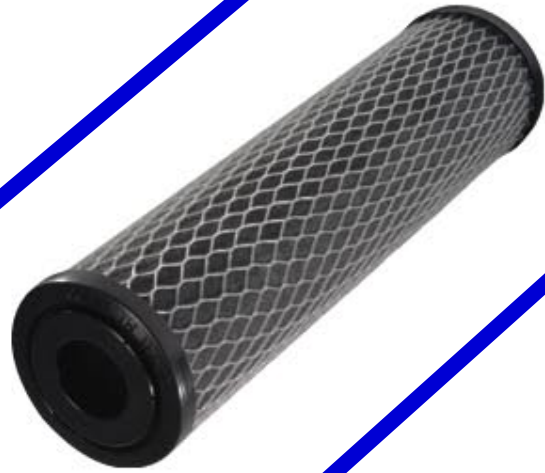


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