

CARBON CARTRIDGES



Nomenclature ex: **UGAC1BBS** = (Granular Carbon, 10", Big Blue, 304 SS)

Description		LENGTHS	OD	CORE TYPE
Pleated Carbon/Polypropylene	UCP	1-1/2 = 5"	NO Symbol = Std 2-3/4" BB = 4-1/2"OD	NO symbol = Polypro
Granular Carbon, GAC	UGAC	1 = 10"		T = Tin Steel
Catalytic Carbon, GAC	UGACR	2 = 20"		S = 304 SS
Carbon Block	UCB	3 = 30"		A = 316 SS
Carbon Impregnated Polyester Wrap	UFMC	4 = 40"		N = Nylon
Carbon Impregnated Cellulose Wrap	UPAMC	93 = 9-3/4"		PE= Polyester
Multi Stage Tri-Filter, Granular Carbon	UPAGC			
Multi Stage Tri-Filter, Carbon Paper	UPCP			
Radial Flow Carbon Shell	UPA(XX)*			
* CG-Carbon Granular				
* CT-Catalytic Carbon				
* CR-Resin				
* CL-Clay				
* CZ-Zeolyte				

Cartridge Options:

- Lengths of 4" to 40".
- End caps: SOE, DOE, plastisol, molded, 222, 226, fin, spring.
- Cores: polypropylene, polyester, nylon, tin, 304 & 316 stainless steel.
- Packaging: bulk, individual bag, shrink wrap, standard or custom labeling

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Carbon Cartridges are available in different styles:

UPA(XX)



UPA(XX) Radial Flow Series is porous polyethylene shells filled with five granular media options: carbon (CG), catalytic carbon (CT), resin (CR), zeolite (CZ), clay (CL), or combination of mixes to address specific customer needs. The radial flow configuration offers higher flow rates with a significantly lower pressure drop of traditional GAC filters. The UPA outer shell provides pre-filtration for the underlying reactive media while the built-in downstream filter prevents partial migration.

UCP Pleated Carbon Series certified to the NSF42 and 61 Standard. These pleated cartridges offer five-micron filtration with 50% PAC carbon content by weight and volume. These filters are ideally suited for single filter applications where space precludes multi-staged filtration applications. The UCP series is well adapted to address silt, color, odor, chlorine, and biofouling common in many potable water sources.

UCP



UGACR



UGACR Catalytic Carbon GAC Series was designed to address chloramines that are commonly added to municipal water supplies. Catalytic carbon with its modified electronic surface expedites chemical reactions thus increases performance. Higher performance enhances its ability to address organics, tannins, color, odor hydrogen sulfide, chloramines trihalomethanes, phenols, dyes, and heavy metals to include arsenate, arsenide, chromium, copper, cyanide, fluoride, lead, mercury and selenium.

UGAC Granular Carbon GAC Series poly shells is filled with coconut-based carbon granules that have a strong attraction for organic compounds. Each pound of carbon content has a surface area of almost a football field. UGAC will reduce unwanted taste, odor, and color, as well as common disinfection byproducts, organic contaminants, chlorinated solvents, and other pollutants, pesticides and selective heavy metals to include lead and mercury.

UGAC



UCB



UCB Carbon Block Series are manufactured using 100% coconut shell-based carbon for longer life and improved contact time. Nominally rated at five microns these cartridges reduce unwanted taste, color, and chlorine from potable water sources. The outer wrap prolongs filter life by capturing larger suspended particles that would impair long term performance if left on the carbon surface.

UFMC Synesthetic Carbon Wrap Series combine five-micron barrier filtration with a polyester coconut-based carbon media. These filters provide a significant reduction of chlorine, biofouling, and sediments found in many well and municipal water sources. All components are FDA compliant making them well suited for water and food-based applications.

UFMC



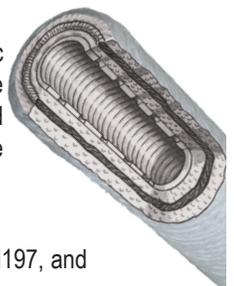
UPAMC



UPAMC Cellulose Impregnated Carbon Wrap Series combine five-micron barrier filtration with coconut-based carbon. They are well suited for industrial, and process applications where a reduction of fine particulates and organics are needed. Internal downstream media precludes possible media migration that may interfere with the process solution. UPACM not recommended for potable water applications due to the organic content of the cellulose content.

UPAGC/UPACP Multi-Stage Series provides three layers of progressive filtration for sediment and organic volatiles reduction in a single cartridge. Initial filtration utilizes customer select yarns with twelve options. The second layer of customer options include granular (UPAGC) or carbon impregnated felt (UPACP). Third and final stage of filtration comprised of yarn wound over a polypropylene core to preclude downstream carbon fine migration. Optional metal cores are offered.

UPACP/UPAGC



All raw material used in the manufacture of United Filters International products are compliant with RoHS III, REACH197, and California Proposition 6. All are FDA food and beverage grade many are NSF 42 and or NSF 61 approved.

Microbiologically unsafe water may require disinfection.