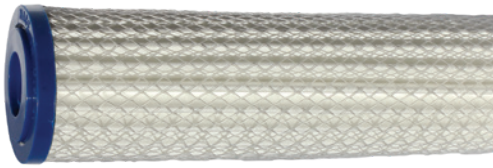
ULTRA-SERIES ULTRA-D® SUBMICRON FILTERS

UFI Ultra-D® Submicron Filters are manufactured using a proprietary electroadhesion and ion exchange media. This unique material makes it possible for a non-woven media to perform comparably to ultra-membrane filtration at 0.2 micron filtration levels. This avoids the inherent high clean pressure drop and low flow rates associated with membrane filtration. Ultra-D® filters are offered in two configurations with four media options.

ULTRA-D® cartridges are offered in an ECO configuration with fewer pleats and a life-extending five-micron outer protective wrap. The wrap supports a midlife external rinse capability not available with the standard configuration. ECO offers a cost-effective alternative to standard filters and is ideally suited for single-cartridge applications. All Ultra-D® filter options are certified to NSF/ANSI 42, 61, and 372 standards by IAPMO R&T.

★ 5283—WHITE

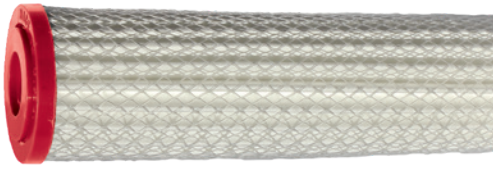
Offers high flow rates with submicron filtration of 0.2 microns. Offers enhanced removal of submicron particles, including organic and inorganic compounds, colloids, and biologic material (viruses, bacteria, organic acids cell debris, and endotoxins).



5283—White

★ 5288—WHITE WITH AAI*

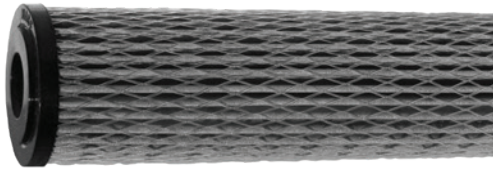
Offers submicron high flow performance with AAI additive. Agion® prevents colonization of organisms captured on the filter surface.



5288—White With AAI

★ 5284—WHITE WITH CARBON

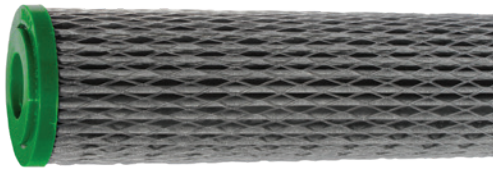
Offers all the advantages of 5283 (blue) media, with the added benefit of PAC carbon to address chlorine, taste, odor, humic acid and other water-soluble components common to potable water sources.



5284—White With Carbon

★ 5289—WHITE WITH CARBON AND AAI*

Combines the advantages of 5284 (black) and 5288 (red) media into a single cartridge.



5289—White With Carbon and AAI

ULTRA-D® SUBMICRON FILTERS

★ LABORATORY TESTING^

ELEMENT	REDUCTION %
Lead reduction	> 95%
Ferrous iron	> 80%
Arsenic V	> 95%
Cadmium	> 95%
Chromium	> 85%
Selenium	> 75%
Mercury	> 60%
Viruses	> 99.99%
Bacteria (*E. coli*, legionella, pseudomonas, etc.)	> 99.99%
Cysts (giardia, cryptosporidium, etc.)	> 99.95%
Chlorine (5284 PAC)	N/A
Bromine (5284 PAC)	N/A
Iodine (5284 PAC)	N/A
VOCs (volatile organic compounds)	N/A
PCB and BPA	N/A
Residual pharmaceuticals	N/A
Biofouling precursors (organic acids, proteins and polysaccharides)	N/A

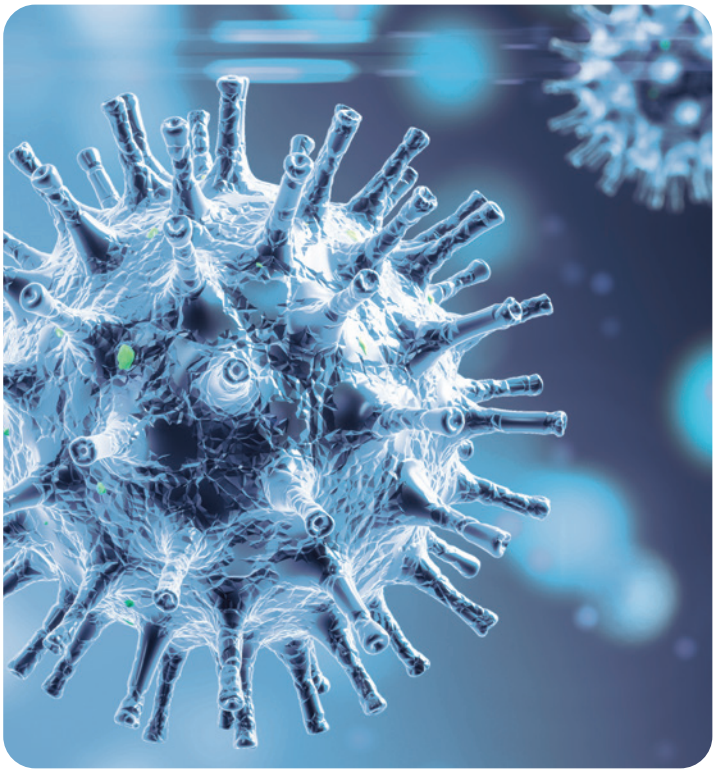
★ SPECIFICATIONS

DIMENSIONS
4" to 40" variable lengths
2" to 6" variable Øs

**Agion® Antimicrobial Inhibitor prevents growth of bacterial, virus, and fungal propagation on the upstream wetted surface of the filter. This long-lasting treatment complies with a broad range of regulatory requirements. It is an environmentally intelligent treatment, allowing the disposal of filters in standard waste facilities. This treatment inhibits the growth of odor-causing microns. Protection is limited to the filters' wetted surface only.*

^Controlled independent laboratory testing documented the reduction of heavy metals, chemicals, and organic/inorganic compounds as shown.

All raw material used in the manufacture of United Filters International products is compliant with RoHS III, REACH197, and California Proposition 65. All are FDA Food and Beverage grade and are certified to meet NSF/ANSI 42/61/372 standards.



UNITED FILTERS INTERNATIONAL
an **enpress group** company

For more information, visit UnitedFilters.com or email Info@UnitedFilters.com

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