

# Aqua-Pro Cartridge

Polypropylene for Drinking Water

- ▶ FOOD AND BEVERAGE APPLICATIONS
- ▶ DRINKING WATER



## ORDER GUIDE



Strainrite's Aqua-Pro Cartridge filters are engineered to produce the highest purity drinking water, by optimizing throughput while maintaining absolute rated performance that is both predictable and repeatable.

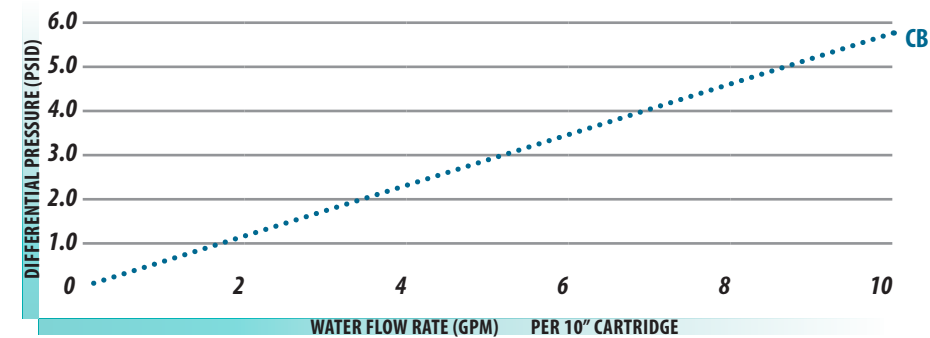
Utilizing state-of-the-art online monitoring equipment and superior control over fiber diameter and web design, our continuous composite microfiber material delivers the industry's most uniform and consistent results.

Aqua-Pro Cartridge filters bring the strongest line of defense against waterborne diseases traced to cryptosporidium and giardia cysts. These organisms, potentially lethal to those with weakened or underdeveloped immune systems, are highly resistant to conventional water treatment processes such as chlorination, but are no match for the Aqua-Pro Cartridge filters, at an absolute 1 micron designed to exceed the ANSI/NSF Standard 53 of 99.95% for the removal of cysts.



- ▶ PERFORMANCE TESTED AND VERIFIED BY OUTSIDE LAB TO COMPLY WITH NSF/ANSI STANDARD 53 FOR REDUCTION OF CRYPTOSPORIDIUM AND GIARDIA CYSTS
- ▶ MEETS THE REQUIREMENTS OF USP PLASTIC CLASS VI
- ▶ HIGH SURFACE AREA – HIGH FLOW RATES AND LONG ON-LINE SERVICE
- ▶ CONSTRUCTED ENTIRELY OF POLYPROPYLENE
- ▶ COMPLIES WITH FDA TITLE 21 OF THE CODE OF FEDERAL REGULATIONS SECTIONS 174.5, AND 177.1520, AS APPLICABLE FOR FOOD AND BEVERAGE CONTACT
- ▶ DOUBLE O-RING STYLE ENDS FOR THE HIGHEST SEAL INTEGRITY
- ▶ VARIOUS O-RING MATERIALS AND CONFIGURATIONS – EASILY RETROFITS MOST SYSTEMS

<b>RETENTION RATING</b>			
Crypto-Barrier			
<b>MAXIMUM DIFFERENTIAL PRESSURE</b>			
Forward: 75 psid (5.1 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C)		Reverse: 50 psid (3.4 bar) @ 75°F (24°C)	
<b>MAXIMUM OPERATING TEMPERATURE</b>			
180°F (82°C) Continuous Duty			
<b>PACKAGING ECONOMY</b>			
Bulk packaging in case quantities to reduce material disposal: 5 inch - 48 per carton   10 inch - 24 per carton   20 inch - 12 per carton   30 inch - 12 per carton   40 inch - 9 per carton			
<b>FILTER MEDIA</b>	<b>END CAPS</b>	<b>PLEAT SUPPORT MATERIAL</b>	<b>CAGE/CORE</b>
Polypropylene	Polypropylene	Polypropylene	Polypropylene
<b>SEALS</b>		<b>CONSTRUCTION METHOD</b>	
EPDM   Silicone		Thermal Bond	
<b>OUTSIDE DIAMETER</b>		<b>INSIDE DIAMETER</b>	
2.7" (6.87cm)		1.0" (2.54cm)	
<b>LENGTHS</b>			
5 inch (12.7 cm)   10 inch (25.4 cm)   20 inch (50.8 cm)   30 inch (76.2 cm)   40 inch (102 cm)			
<b>PERFORMANCE CHARACTERISTICS</b>			



## ORDER OPTIONS

CARTRIDGE	
APC	Aqua-Pro Cartridge
MICRON RATINGS	
CB	
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
END CAP CONFIGURATIONS	
C3	Flat/222
C6	Flat/226
C7	Fin/226
C8	Fin/222
GASKET/O-RING MATERIAL	
S	Silicone
E	EPDM

### NEED A VESSEL FOR YOUR CARTRIDGES?

For the Aqua-Pro Cartridge, the following vessel types are most commonly used:

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As always, discuss your options with your local sales representative to find the best fit for your application.