

# Aqua-Pro Cartridge

Polypropylene for Drinking Water

▶ FOOD AND BEVERAGE APPLICATIONS

▶ DRINKING WATER



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.

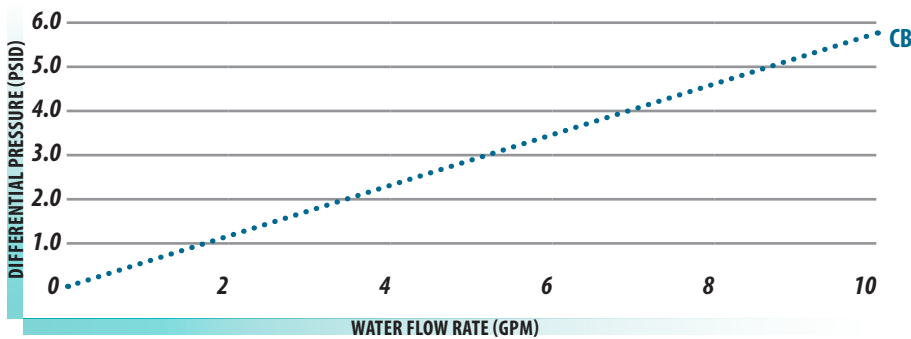
- ▶ PERFORMANCE TESTED AND VERIFIED BY OUTSIDE LAB TO COMPLY WITH NSF/ANSI STANDARD 53 FOR REDUCTION OF CRYPTOSPORIDIUM AND GIARDIA CYSTS
- ▶ MEETS THE REQUIREMENTS OF USP PLASTIC CLASS VI
- ▶ HIGH SURFACE AREA – HIGH FLOW RATES AND LONG ON-LINE SERVICE
- ▶ CONSTRUCTED ENTIRELY OF POLYPROPYLENE
- ▶ COMPLIES 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



## ORDER GUIDE



RETENTION RATING			
Crypto-Barrier			
MAXIMUM DIFFERENTIAL PRESSURE			
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)	
MAXIMUM OPERATING TEMPERATURE			
180°F (82°C) Continuous Duty			
PACKAGING ECONOMY			
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			
FILTER MEDIA	END CAPS	PLEAT SUPPORT MATERIAL	CAGE/CORE
Polypropylene	Polypropylene	Polypropylene	Polypropylene
SEALS		CONSTRUCTION METHOD	
EPDM   Silicone		Thermal Bond	
OUTSIDE DIAMETER		INSIDE DIAMETER	
2.7" (6.87cm)		1.0" (2.54cm)	
LENGTHS			
5 inch (12.7 cm)   10 inch (25.4 cm)   20 inch (50.8 cm)   30 inch (76.2 cm)   40 inch (102 cm)			
PERFORMANCE CHARACTERISTICS			



## ORDER OPTIONS

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