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**WATERITE TECHNOLOGIES, INC.
PRODUCT SPECIFICATION SHEET
FIL-PLAPP-001**

**ABSOLUTE RATED PLEATED POLYPROPYLENE
SEDIMENT FILTER CARTRIDGE FOR CYST
REDUCTION****

TYPE:	2 ½" standard and 4 ½" full flow cartridges (Big Blue) for 10" (250mm) and 20" (508mm) housings, DOE, support netting.
FEED WATER:	Municipal, well or surface water
TEMP. RANGE:	5.0°C to 60.0°C
CAPACITY:	Determined by raw water turbidity. Pre-filtration with nominal sediment cartridges is recommended when treating non-municipal raw water sources with higher turbidity such as most surface water or lake water sources.
MICRON RATING:	1micron absolute*
COLOUR:	white, blue caps
MATERIAL:	FDA listed virgin polypropylene pleated fabric Netting made from virgin polypropylene.
PACKAGING	Plastic shrink wrapped and labeled
MODELS:	PLA1001, PLA10B01, PL20B01
CORPORATE MARK:	

Excelplus+™

PERFORMANCE:

Cartridge Model	Absolute* Micron Rating	Initial ΔP @ Flow Rate
PLA1001	1	0.6 psi @ 5 GPM 2.1 psi @ 10 GPM
PLA10B01	1	0.4 psi @ 10 GPM
PLA20B01	1	0.3 psi @ 20 GPM

***Absolute rating established by resulting 3-log reduction of *Giardia lamblia* and *Cryptosporidium parvum* using EPA method 1623, conforming with NSF Standard 53 for removal of cyst sized particles. Tests conducted by HML Microbiological Laboratory, Muncie, IL. Test abstract available upon request.**

****Waterite Technologies, Inc. recommends that when treating drinking water from a raw water source with known microbiological contamination or where pathogens are suspected, that multiple disinfection barriers are employed. In addition to absolute filtration, UV disinfection and chemical disinfection are strongly recommended.**

**PLA10B01****PLA1001**