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

**PLEATED CELULOSE POLYESTER SEDIMENT  
FILTER CARTRIDGE**

Excelpure™ CP Series filter cartridges are intended for use in most municipal and well water and surface water\* applications for the reduction of turbidity and sediment. Cellulose polyester has greater wet strength than normal cellulose cartridges and resists tearing or collapse. CP series cartridges have good particle holding capacity and low initial pressure drop. May be rinsed and re-use when lightly loaded, though replacement is recommended with normal to heavy sediment loads.

*\*organic and biological loading associated with surface water will shorten cartridge life.*

|                       |  |
|-----------------------|--|
| <b>TYPE:</b>          | 2 ½" and 4 ½" pleated cartridges for 10" and 20" standard and full flow (Big Blue) housings  |
| <b>FEED:</b>          | Municipal, surface* or well water  |
| <b>TEMP. RANGE:</b>   | 5.0°C to 48.0°C  |
| <b>CAPACITY:</b>      | determined by raw water turbidity  |
| <b>MICRON RATING:</b> | 1, 5, 10 and 20 micron nominal ratings   |
| <b>COLOUR:</b>        | white, blue caps   |
| <b>MATERIAL:</b>      | Pleated fabric: Cellulose polyester<br>Core: Virgin polypropylene<br>End caps: Vinyl plastisol<br>All materials conform to FDA test standards and ANSI-NSF Standard 42 for particulate reduction Class II~VI |
| <b>PACKAGING</b>      | Plastic shrink wrapped and labeled.  |
| <b>MODELS:</b>        | 9 7/8" X 2 ½": CP110, CP510, CP1010,<br>9 7/8" X 4 ½": CP110B, CP510B<br>19 ¾" X 4 ½": CP520B  |



**SPEC FIL-PCP-001**

*December, 2010*

**PERFORMANCE:**

| <b>Cartridge<br/>Model</b> | <b>Micron<br/>Rating</b> | <b>Initial <math>\Delta</math>P<br/>@ Flow Rate</b> |
|----------------------------|--------------------------|---|
| CP110                      | 1                        | 0.4 psi @ 5 GPM                                     |
| CP510                      | 5                        | 0.2 psi @ 5 GPM                                     |
| CP1010                     | 10                       | 0.2 psi @ 5 GPM                                     |
| CP110B                     | 1                        | 0.6 psi @ 20 GPM                                    |
| CP510B                     | 5                        | 0.6 psi @ 20 GPM                                    |
| CP520B                     | 5                        | $\leq$ 1 psi @ 20 GPM                               |

**CORPORATE MARK:**

*Excelpure*<sup>TM</sup>



*Excelpure*<sup>TM</sup>

**CP520B  
Pleated Cellulose  
Polyester Sediment  
Filter Cartridge**

- 5 micron nominal filtration
- Materials conform to FDA test standards and ANSI-NSF Standard 42 for particulate reduction Class III-VI
- Max. temperature of 65°C

**FITS 20" FULL FLOW HOUSINGS**



**CP Series sample label**



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