



Bonded & Silver Bonded Activated Carbon Cartridges

Model Numbers: BPAC10, BPAC10J, BPAC20*, BPAC20J*, SBPAC10

Applications

Drinking water, beverage industry, mineral water bottling, laboratory use, food industry, final filtration and other applications where low contamination levels and removal of dissolved chemicals is needed.

Benefits of Microlene's Bonded & Silver Bonded Activated Carbon Cartridges

The BPAC range* are drinking water cartridges constructed totally of FDA grade materials. They are a combination chlorine, taste, odour and cyst reducing cartridge made from high surface area Bonded Powdered Activated Carbon. This material has exceptional adsorption capability and is highly effective in reducing low levels of organic chemicals and THM's.

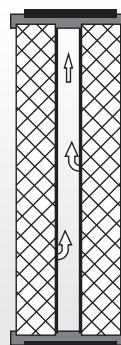
The BPAC range* cartridges have a nominal 0.5 micron sediment removal rating making them excellent polishing filters. These cartridges effectively remove Giardia and Cryptosporidium cysts from drinking water, when they would normally be used as a point of use purifier. Complies with AS/NZ 4348 (>99.9% cyst removal). Hygiene life 6 months.

The SBPAC10 cartridge is Silver impregnated to inhibit bacteria growth and remains hygienic for 1 year. Cartridge life depends on feedwater quality to some extent and a sediment removal prefilter is recommended to prevent premature clogging of the carbon's active sites.

These cartridges are suitable for use in cold or hot water service (up to 80°C).

As with all carbon based cartridges this filter should be run for at least 5 minutes after installation to remove carbon fines and flushed for 20 seconds before using the water for drinking.

*20" Standard and Jumbo not available in Australia.



Specifications

Sizes	BPAC 10" Std, 10"J, 20" Std* & 20"J* - SBPAC10 10" Std		
Colour	White with grey end caps		
Micron rating	0.5 micron nominal; 1 micron absolute		
Media	Powdered Bonded Activated Carbon, SBPAC10 silver impregnated		
Optimal flow rate	10" Std - 7.6 lpm 20" Std - 8 lpm*	SBPAC10 - 3.8 lpm 20" J - 15 lpm*	10" J - 7.6 lpm
Maximum flow rate	10" Std - 14 lpm 20" Std - 33 lpm*	SBPAC10 - 14 lpm 20" J - 44 lpm*	10" J - 20 lpm
Capacity	10" Std - 75,000L 20" Std - 170,000L*	SBPAC10 - 75,700L 20" J - 560,000L*	10" J - 190,000L
Hygienic life span	BPAC - 6 months, SBPAC - 12 months		
Max. temperature	82°C		

Note: Replace the carbon cartridge when offending chemical and/or smell is detected or can be tasted in the final water. If application is critical then have two filters in a lag/lead arrangement along with regular relevant chemical testing or appropriate online monitoring. For best reduction performance ensure flow rates do not exceed optimal flow rates.

