



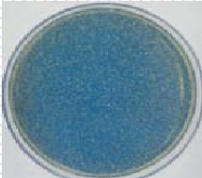
Korea Water Filter




FUNCTIONAL FILTER / SILVER ANTIBIOTIC

Compressed Carbon Block		NSF listed 42 Coconut Shell PAC
Binding Resin		UHMW-PE Patented Celanese (Ticona) Resin
Materials		Netting: Polyethylene (White) Non-woven: Polypropylene (White) End Caps: Polypropylene (White) Gaskets: Silicon (White)
Nominal Rating(μm)		1 Micron
Size (O.D. × Length)		2.5" × 10" (20" available)
Temperature		40°F To 180°F (5°C to 83°C)
Functions		Chlorine Taste and Odor / Antibiotic
Reduction	Chlorine	20,000gal@1gpm
	Antibiotic	Non-detection
Benefits		High-grade Activated Carbon Above 1,000mg/g of iodine absorption

		Blank	Anti-Biotic Carbon Block
Escherichia coli	At Beginning	1.0×10^4	1.0×10^4
	After 24h	1.2×10^8	<10
	Percent Reduction of Bacteria	-	99.9



Blank (after 24h)



Anti-Biotic Carbon Block(after 24h)

Test Condition

The solutions (37±1) °C for 24h,
And determine bacteria cell growth
Inhibition rate by pour agar plate method. (120 r/min)

Test Bacteria : Escherichia coli

