

Ultra Sterasyl®

Ultra Fluoride®

Sterasyl®
microfilter plus granular
activated carbon and lead
removal media

Sterasyl® microfilter plus
Fluoride and lead removal
media with activated carbon

Filtration Rating

(% particulate filtration efficiency)

Absolute (defined as > 99.99%)	0.9 micron	0.9 micron
Nominal (defined as >99.99%)	0.5 to 0.8 micron	0.5 to 0.8 micron

Working Parameters

Working temperature range	5 – 30 (°C)	5 – 30 (°C)
Working pH range	5.5 – 9.5	5.5 – 9.5
Suitable for use in Gravity filter systems	Yes	Yes
Recommended change frequency	6 months	6 months

Flow Rate

To achieve maximum performance

Litres per hour	1.2 under gravity	1.2 under gravity
US gallons per hour	0.3 under gravity	0.3 under gravity

Capacity

Before replacement to guarantee performance

	After 6 months	After 6 months
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Quality Approval

WRAS (Water Regulations Approval Scheme)	Yes	Yes
Turbidity reduction	>98%	>98%

Pathogenic Organisms

Bacteria Removal*

E. Coli / Shigella / Typhoid / Klebsiella Terrigena	>99.99%	>99.99%
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% Cyst Removal

Cryptosporidium	>99.99%	>99.99%
Giardia	>99.99%	>99.99%

Trace Organics Removal

Range of Pesticides+	>95%	N/A
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PFOA & PFOS

Combined removal efficiency

1.5ppb to less than or equal to 0.07ppb	95%	N/A
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Enhanced Organics Removal

Pharmaceuticals+	>99.5%	NO DATA
Lindane @ 2ppb presence	>99%	NO DATA
Atrazine @ 9ppb presence	99.38%	NO DATA
Benzene @ 15ppb presence	>99%	NO DATA

Inorganics Removal

Free Chlorine Removal

2ppm presence to NSF Class 1 Std 42	>99% under gravity	Ave 97.2%
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Heavy Metals Removal

Lead reduction pH 6.5 @ 150ppb presence to NSF Std 53	Ave 95%	Ave 95%
Mercury reduction pH 6.5 Ave 6ppb presence	N/A	Ave 86.4%
Arsenic reduction pH 6.5 Ave 47ppb presence	N/A	Ave 97.4%
Barium reduction pH 6.5 Ave 9834ppb presence	N/A	Ave 90%
Chromium reduction pH 6.5 Ave 339ppb presence	N/A	Ave 99.4%
Selenium reduction pH 6.5	N/A	Ave 93.7%