

Filter Cartridges

Steryl Line



DESCRIPTION

AQUA is proud to introduce the new ULTRASAFE point of use cartridge, a combination between extruded carbon block and synthetic hollow fibres membrane.

ULTRASAFE is the safe, economical and reliable answer for drinking water application.

ULTRASAFE have proven to be a very high efficiency filter element especially in extremely fine particles filtration and in bacteria, virus and endotoxin retention. At the same time it adsorb chlorine, taste, odour.

ULTRASAFE prevent all organic substances with a molecular weight higher than 15K daltons cross its section. Bacteriae, viruses and endotoxins are not allowed to go trough the membrane barrier by two mechanisms: one based on the sieving of the pores and one the adsorption capability of the membrane itself.

Benefits:

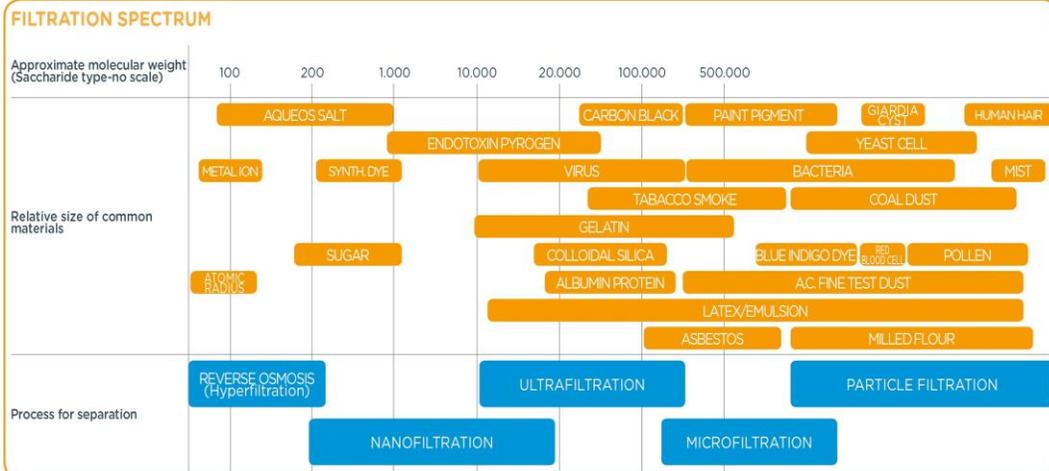
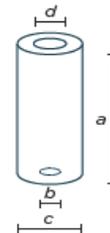
- Double filtration stage design for double safety and increased filtration performances;
- Whole protection against bacteriae, virus, endotoxins, chlorine;
- Guarantees long-lasting protection;
- High flow rates;
- Long service life;
- Easy to install and use;
- Standard size and compact design.

Applications

- Domestic drinking water;
- Pharmaceutical industry;
- Food and Beverage industry.

TECHNICAL FEATURES

| Characteristic | FRA-STERYL | FRA-CA | RA-UF |
|---------------------------|------------|--------|--------|
| Pre filter | PP | PES | PP |
| Post filter | PP | PES | PP |
| Core | - | ABS | ABS |
| Outer cage | - | - | - |
| End caps | - | ABS | ABS |
| O-Ring/Gasket | - | PVC | PVC |
| Length (a) inches | 9"3/4-20" | 9"3/4 | 9"3/4 |
| Inner diameter (b)mm | 26 | 26 | 26 |
| Outer diameter (c)mm | 63 | 63 | 63 |
| Micron rating | 0.5 | 0.5 | 0.2 |
| Efficiency | 99.98% | 99.98% | 99.98% |
| Max working pressure | 8 BAR | 9 BAR | 10 BAR |
| Max differential pressure | 8 BAR | 9 BAR | 10 BAR |
| Max working temperature | 35°C | 35°C | 35°C |



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FRA-STERYL CARTRIDGES series STERYL 0.5

| Code | Length inches | Micron | Flow Rate l/hr | Box Qty | Box Wt | Box Dimensions axbxc mm | Price B |
|----------|---------------|--------|----------------|---------|--------|-------------------------|---------|
| A4250300 | 9% | 0.5 | 240 | 12 | - | 520X180X290 | 20.45 |
| A4250550 | 20 | 0.5 | 400 | 6 | - | 520X180X290 | 40.92 |



FRA-CA STERYL series STERYL 0.5

| Code | Length inches | Micron | Flow Rate l/hr | Box Qty | Box Wt | Box Dimensions axbxc mm | Price B |
|----------|---------------|--------|----------------|---------|--------|-------------------------|---------|
| A4190030 | 9% | 0.5 | 150 | 12 | 3.70 | 520X180X290 | 16.43 |



FRA-UF STERYL series STERYL 0.2

| Code | Length inches | Micron | Flow Rate l/hr | Box Qty | Box Wt | Box Dimensions axbxc mm | Price B |
|----------|---------------|--------|----------------|---------|--------|-------------------------|---------|
| A4030270 | 9% | 0.2 | 180 | 12 | 3.10 | 520X180X290 | 69.19 |



| Polysulphone | 0.2 µm |
|-----------------------------------|---|
| Efficiency in bacteria retention | = 99,9999989% per/ Pseudomonas diminuta ATCC 19146 > 99,99999999% per/ Pseudomonas aeruginosa ATCC 9027 > 99,99999999% per/ Legionella pneumophila ATCC 33152 = 99,9999992% per/ Legionella bozemanii ATCC 33217 |
| Efficiency in virus retention | > 99,999999% (log 8) (PhiX-174) |
| Efficiency in endotoxin retention | > 99,999% (log5) EU/ml |