

Hall Pyke

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Surface Pre Filtration

Betafine™ XL

The SMART choice for filtration

Betafine™ XL

Providing Reduced Total Filtration Costs and Predictable Filtration Performance

The Betafine® XL filter represents a major advance in pleated filter technology. Building on CUNO's history of filter design innovation, this absolute-rated, 100% polypropylene, pleated cartridge features a patent pending Advanced Pleat Technology™ (APT) that increases the usable filtration surface area while maintaining standard industrial cartridge dimensions. The result is a filter cartridge that dramatically enhances service life.

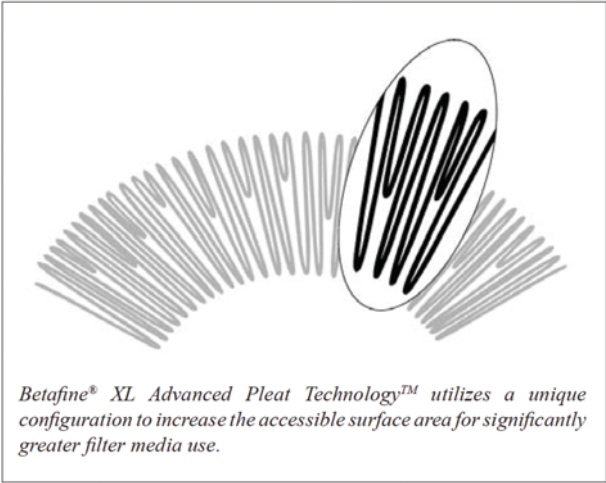
Features

- **Reduced Total Filtration Costs**
Fewer cartridges used, reduced cartridge change-out frequency, reduced downtime and product waste, and reduced labour and disposal costs.
- **Predictable filtration performance**
Reduced quality checks, reduced product rejects and rework, and increased productivity and plant capacity.

Absolute Ratings

The assurance of predictable and reproducible contaminant removal can best be provided by the use of absolute-rated filters. Betafine® XL filters are absolute rated to Beta 1000 (99.9% efficiency at its rating) and are available in 9 distinct ratings from 0.2 micron to 70 micron. This provides a complete choice of ratings to meet the exacting filtration requirements for the most critical applications.

| Betafine® XL Absolute Filter Ratings | |
|--------------------------------------|------------------|
| CUNO Designation | Rating (microns) |
| 002 | 0.2 |
| 005 | 0.5 |
| 010 | 1 |
| 025 | 2.5 |
| 050 | 5 |
| 100 | 10 |
| 200 | 20 |
| 400 | 40 |
| 700 | 70 |



Materials

- | | |
|-----------------------------|---|
| Media: | Pleated Polypropylene |
| Media Support: | Polypropylene |
| Core, Outer Cage, End Caps: | Polypropylene |
| Gasket & O-ring Options: | Silicone, Fluorocarbon, Ethylene Propylene, PTFE Encapsulated O-ring, Polyethylene, Nitrile |

Operating Conditions

- | | |
|------------------------------------|-------------------------|
| Maximum Operating Temperature | 80°C |
| Max. Forward Pressure Differential | 4 bar @ 25°C (60 psi) |
| Max. Reverse Pressure Differential | 2,6 bar @ 25°C (40 psi) |



Flow Characteristics

Flow vs. differential pressure for water is depicted in the following graphs for each Betafine® XL grade. A typical filter system is often sized for an initial differential pressure of 40 - 70 mbar. Low flow rates will further extend the life of a filter system.

Betafine® XL Water Flow Rates

Betafine® XL Water Flow Rates

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