**Filtration** Products

# BECO Helix depth filter cartridges

## The new benchmark in cartridge filtration

EATON

*Powering Business Worldwide*

# Rethinking cartridge filtration

Eaton presents the BECO® Helix depth filter cartridges, a revolutionary solution for liquid filtration.

This innovative filter cartridge technology offers twice the depth filter effect, significantly higher particle-holding capacity, and more than 40% longer service-life compared to standard pleated depth filter cartridges.

BECO Helix depth filter cartridges are designed for pre-filtration and fine filtration of beverages, liquid foods, cosmetic products, fine chemicals, and process water.

Their use provides operators with optimized filtration, longer service-life, reduced operating costs, and more sustainable material usage.

## BECO Helix depth filter cartridges

### Features and benefits:

- **Exceptionally long service-life**
- **Large and effective filter area achieved through unique helix wrapping**
- **High mechanical and thermal stability**
- **Excellent backwash capability (up to 200 kPa, 2 bar at 80°C)**
- **Retention rate of 0.6 µm provides superior protection and extends the service-life of downstream membrane filter cartridges**
- **100% polypropylene construction offers high chemical resistance**

For the optimal combination of quality, performance, and safety, BECO Helix depth filter cartridges can be used in Eaton's BECO INTEGRA® CART cartridge housings and automatic StepFlow® filtration systems, or in all common filter cartridge housings with adapter codes F, 0, 2, or 7.

## Unique design

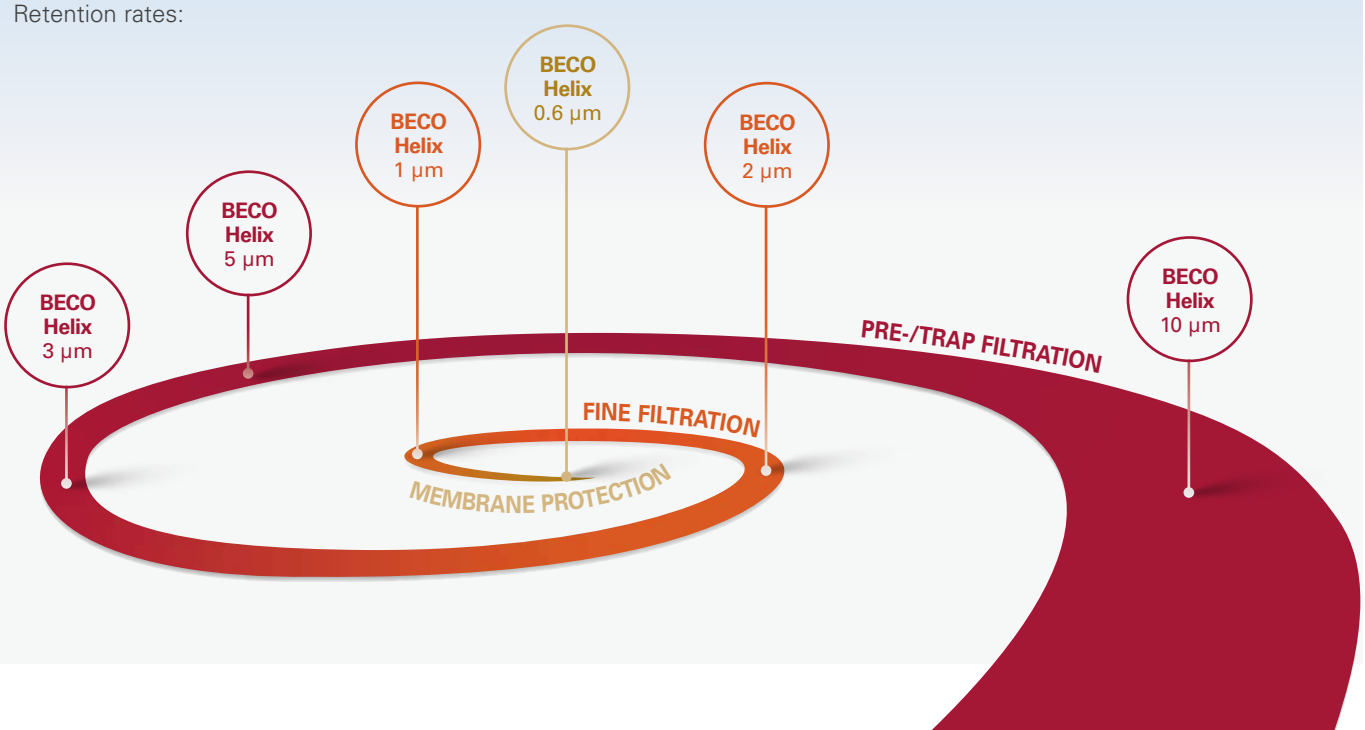
The key aspect of the BECO Helix depth filter cartridges is their innovative pleated filter material design. Made from high-quality, particularly thin and graduated polypropylene fleece layers, the material is wrapped in a helix shape around the core.

The stable helix structure enables high flow rates with low pressure differences, ensuring exceptionally high performance and long service-life.

## Selection guide

To safely and efficiently fulfill various filtration tasks, BECO Helix depth filter cartridges are available in six retention rates with a ß-ratio of ≥ 5,000 or an efficiency of ≥ 99.98%.

Retention rates:



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