

DEPTH CARTRIDGES

series COT

COTTON FIBER

*Versions with Natural and Bleached Cotton
Compatible with a wide range of chemical agents
Controlled winding and special supporting core
In-depth filtering and a high retaining power
Low running cost and durability
Suitable for single and multiple filters.*

COT/P Series

The COTFIL Filters cartridge made in high quality cotton, ensure an effective filtering action thanks to the fibres natural absorption capacity and to the structure of the winding around the interior core. The uniquely designed polypropylene core, with teeth and fins, ensures a progressive and in-depth filtering of the polluting substances and reduces the loss of pressure; it is suitable for low temperature applications. These cartridges can chemically withstand a wide variety of fluids and they are particularly suitable for animal, vegetable and mineral oils, fatty acids, drinks, citric acids, hydrocarbons, alcohol, photographic solutions and process waters for which sterility is not required.

COT/S Series

The Filters cartridge of the COT/S series have a stainless steel core so they can withstand temperatures of up to 140°C.

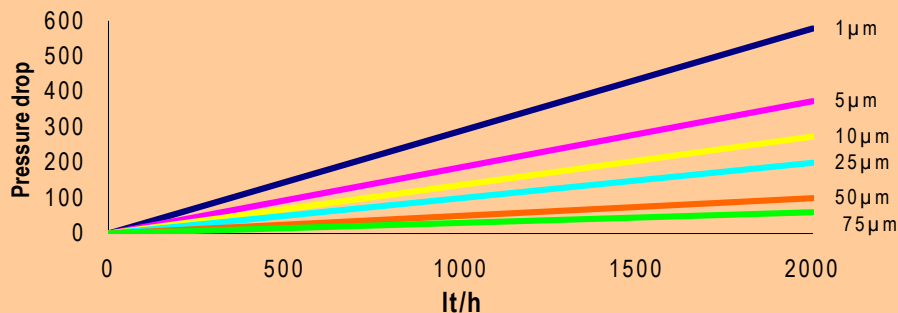
COT/ B Series

The Filters cartridge of the COTB series are made with high quality bleached cotton and comply with the F.D.A. standards for : distilled water, drinks, vegetable oils, petrol, fatty acids, citric acids and alcohol.

FILTERING

The polluting substance is filtered mechanically in depth: first of all the particles are trapped by the outer layers and then the finer particles are trapped by the inner layers. The degree of filtration depends on the type of winding and can vary from 1 to 100 micron.

Ap mbar FLUID WATER @ 20°C
per single 10" Element



DIMENSIONS

Cartridges height: 10", 20", 30", 40"

Outside diameter: 61mm (2,4")

Inside diameter: 25 mm (1.0")

TYPICAL APPLICATIONS

Treatment of process waters; emulsions and photographic baths; juices, drinks and syrups; pharmaceutical pre-filtration and Reverse Osmosis; metal finishing; cosmetics; plastics, petrochemical and paper industries.

OTHER TECHNICAL DATA

The maximum differential pressure the filter can withstand without becoming deformed : 5 bar. Recommended differential pressure for changing the cartridge: max 1.5-2 bar (200 kPa) ; Maximum operating temperature: 80°C (with polypropylene core) 140°C (with steel core).

Connection type; standard.

Maintenance type: none/disposable.

HYGIENE GUARANTEES

The bleached cotton fibres are resistant to micro-organisms such as fungi, bacteria, etc., and insects, so they can come into contact with foodstuffs: F.D.A. (American Food and Drug Administration) approval; ~EC Directives 89/677, 91/173, 91/399; Ministry of Health Decree of 29/7/94 . Because this is a multi-purpose product please contact our technical office for special applications.

ORDERING CODE

