



## Description

FILTECH cartridges are pleated filter elements of the high flow type.

The large filtering surface combined with the high porosity media provide the FILTECH cartridge with minimal pressure drops and excellent retention capacities.

FILTECH cartridges are assembled by heat welding (without glue) in order to guarantee maximum chemical compatibility and to avoid the risks of contamination. Resistance to pressure and temperature is improved by the injection moulded inter cage.

FILTECH cartridges incorporate a draining grid downstream of the filter media to ensure the pleats are spaced apart. This design increases the life of the cartridge while maximising filtration flow.

## Applications

- Process water filtration
- Washing water / rinsing water
- Soluble cutting oils / whole oils / synthetic oils / vegetable oils
- Penetrant cleaning effluents
- Degreasing baths

## Features & benefits

- Wide range media and filter materials with porosities between 0.2µm and 100µm
- 100% welded and reinforced design
- High retention capacity thanks to its design
- Low pressure losses
- Contains no surfactants, binders, adhesives or silicone
- Easy to grip, thanks to SIEBEC's patented retractable handle
- Siebec patented pleat + Grid to maintain the gap between the pleats: guaranteed increased filtration quality and longevity

## Terms of service

Maximum pressure loss	3 bar
Recommended replacement pressure differential	2 bar

## Standard dimensions

External diameter	80 mm
Internal diameter	50 mm
Lengths	10" - 20" - 30"

Media/core materials	Depending on application (polypropylene core and comb)
Filtration fineness	0.2µm to 100µm
Filtration surface	5m <sup>2</sup> (20") -- 7,5m <sup>2</sup> (30")
Retention threshold	99,6%
Washable	10 times on average, depending on application
Max. temperature	70°C

**Application example :** Filtration of swarf and impurities from a machine tool oil tank



**1** Bin polluted by chips and supernatant oils



**2** Impurities retained in the cartridge