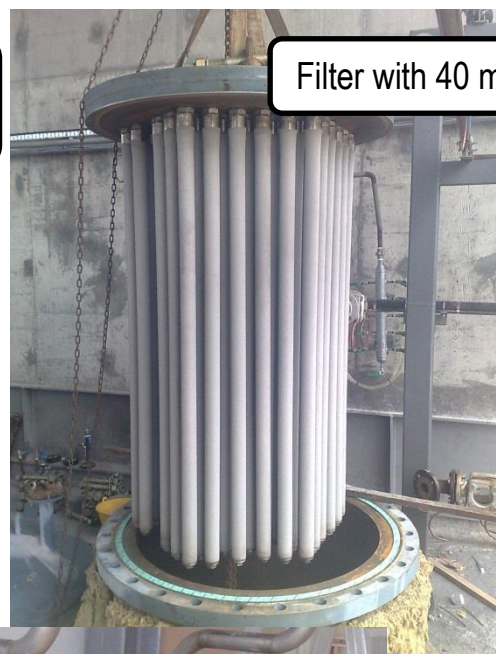


## Metal candle filter

### Why metal candle filter:

- Temperature above 150°C
- Pressure swing use for filtration and cleaning
- Filter cleanable by burning
- Best performance with tandem arrangement, filtered product use for back flow
- Filter design for heel filtration, police filtration and cake filtration



## Type of filters :

- **Police filter** are filters which are installed after big filters or only to catch little thirds in a liquid. It has a tight pitch, because no cake volume is required.
- **Heel filters** are filter with a minimized body volume to reduce all liquids from a filtration, which not can filtered. It has a bigger pitch than the police filter, because some filter cake is required. The header flange is hollow, so that the filtrat has very little space for leaving the filter. Emptying and blowing must perform in a excellent drainage, so that all remaining cake remain dry.
- **Cross filtration** means, that there is deep filtration and the filter performance is done by the filter openings. Any solids on the filter area are washed away from the outside flow. The suspension is passing the entire filter area outside and the pressure difference across the sinter metal create the flow.

