



multinex

Filter candles for large area
screen changers



MAAG multinex filter candles are tailor-made for use in continuously operating dual bolt screen changers of the MAAG series CSC-P/C. Compared to typical round screen plates, they increase the active screening area up to 60 times, thus reducing significantly ΔP and the flux rate. At the same time, an up to 60 times longer service life of the filter until the next screen change is achieved.

Your benefits

- Optimized for high viscosities
- Reusable candle bodies
- Economic perforated sleeve exchange
- Screen mesh or metal fiber fleece
- Filter fineness 5 μm

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Selection of typical materials

- ABS
- EVA
- HDPE
- HMWPE
- PA6
- PA 66
- PB
- PE
- LDPE
- LLDPE
- PEEK
- PET
- PBT
- PP
- PS
- PC

Options

- High pressure design
- High temperature design
- Stainless steel design
- Special screw-in thread

Accessories

- Candle carrier plates
- Installation tools
- Candle bodies
- Perforated sleeves



Technical specifications:

Candle diameter: 20 mm to 80 mm

Filter fineness: 5 µm

Filter medium:

- Screen mesh
- Metal fiber fleece

Technology:

- Reusable candle body
- Exchangeable perforated sleeves

On the inlet side, rheologically-optimized flow channels divide the melt stream to flow into the screen cavities. In the automatic cleaning cycle, contamination is removed from one screen cavity at a time by backflushing the screen with polymer. During this process, the other three screen cavities remain in the production position providing continuous operation. Screen retainer plates of a special design keep the screens in their position during the backflush process.

Application limits:

Temperature: up to 350 °C

Operating pressure: 350 bar

Pressure differential: 100 bar

