



BOLLFILTER | Filter Elements

A filtration medium in the form of a cloth insert is the heart of every fluids filter. It essentially consists of a supporting body with a filter mesh. Different designs provide different sizes of filter sur-

face. Through the optimum combination of core components every fluid can achieve the desired degree of cleanliness.

Basket element (1)

The basket element is suitable for coarse filtration or for minor contamination. The dirt collects in a basket-shaped filter insert and can be easily removed for cleaning.

Ring filter element (2)

The ring filter element is similarly constructed to the basket element, but has an additional concentric mesh cylinder, increasing the filter area by about 30%.

Multi-mantle element (3)

The multi-mantle element insert consists of several cylindrical filter mantles. These provide a large filter surface for only a small space requirement and permit the employment of fine-meshed cloths. Filtration takes place from the outside in.

Star-pleated element (4)

The star-pleated element has a large filter surface yet a small diameter due to the pleating of the filter element. This makes long cleaning intervals possible and the use of fine meshes with low pressure losses.

Filter candle insert (5)

This insert contains several mesh candle elements of the same size and mesh connected in parallel. This gives a large filter surface with a very compact design. The filter candles are outstanding for their particularly high resistance to differential pressure.

Filter candle insert for backflushing filters (6)

As in the ordinary filter candle insert, several filter candles are screwed into a single candle holder. The holder is fixed to the filter housing and remains there during backflushing in the filter chamber.

Filter cartridge (7)

The filter cartridge consists of non-woven pleated plastic, glass fibre or paper element. It is capable of filtering very fine dirt particles.