



FG PulseShield™ technology for optimized filter performance

Filtration Group Industrial focuses on top quality in the development and manufacture of filter elements. The filter elements deliver top results in any desired cleanliness class and convince with a high dirt-holding capacity. The patented design with robust parts ensures the longevity of the filter system and stable performance efficiency over the entire service life. Thanks to optimal particle separation, FG filters protect against rapid wear of expensive components and thus prevent high maintenance costs.

THE GENERATION OF PURITY

- permanently pulsation-resistant element
- higher deposition efficiency (β_x -values)
- higher stability of the β_x -values over the entire operating time
- very high dirt holding capacity



The FG PulseShield™ technology

Fluid filter elements with PulseShield™ technology

With the PulseShield™ fluid filter element series, Filtration Group Industrial consolidates its leading position in the field of fluid filtration. The new PulseShield™ series filter elements are characterized by their consistently high separation performance despite pressure fluctuations in the fluid system throughout the entire operating time.

Perfection - Further developed

For years, anyone who demands the highest quality in the field of hydraulic filtration has been unable to ignore the Premium Select elements from Filtration Group Industrial. With up to 3 optionally matched glass fiber layers, the dirt holding capacity has been increased by up to 30 % compared to conventional filter elements. At the same time, the low differential pressure results in significantly reduced energy consumption.

The new generation of fluid filter elements with PulseShield™ technology combines several innovations. Future-oriented glass fiber technology with a shrunk-on outer jacket for first-class filtration results with significantly reduced energy consumption.

PulseShield™ technology

The patent-pending, shrunk-on outer jacket fixes the pleated star tightly to the inner frame, thus guaranteeing uniformly high separation efficiency over the entire service life of the filter element. This enables ideal filtration results, even when pressure pulsations occur in the fluid system caused by changing volume flows.

Fluctuations in separation performance (β -values) are a thing of the past. The negative effects of short-term reverse flows in the filter element can be compensated much better with the new PulseShield™ technology.

SUITABLE FOR....



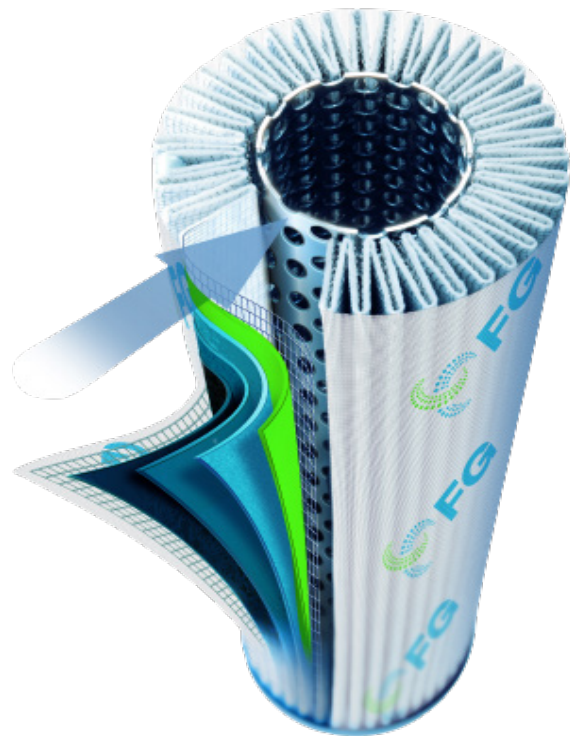
Hydraulic
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