



A new generation of cleanliness

With the new PulseShield fluid filter element series, Filtration Group Industrial consolidates its leading position on fluid filtration. The new filter elements of the PulseShield series are characterised by their consistently high separation efficiency despite pressure fluctuations in the fluid system during the entire operating time.

Applications

- Hydraulic systems with pressure fluctuations
- Injection Moulding Machines
- Working hydraulic of Mobile Machinery
- Protection of high value equipment



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Perfection - Developed further

Anyone who demands high quality in the field of hydraulic filtration has encountered Filtration Group Industrial Premium Select elements for years. With up to 3 glass fibre layers, optimally coordinated to each other, the dirt holding capacity has been increased up to 30 % in comparison to conventional filter elements. At the same time the lower differential pressure results in a significantly reduced energy consumption.

The new generation of fluid filter elements with PulseShield technology brings together several innovations. Future-oriented glass fibre filter technology with a new shrinking outer sheath to ensure first-class filtration results with significantly reduced energy consumption.

The technology

The outer sheath fastens the pleated star closely to the inner core, guaranteeing uniformly high separating performance throughout the entire service life of the filter element. This allows for ideal compensation for the rise in differential pressure due to the technology and pulsations which may occur, triggered by changing volume flows.

Fluctuations in separating performance (β -values) are now a thing of the past. The negative effects of short-term back flows in the filter element on the separating behaviour can be better absorbed as a result.

Suitable for ...



Hydraulic
systems



Industrial
Applications



Mobile
Machinery



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