

CONQUER

Contamination

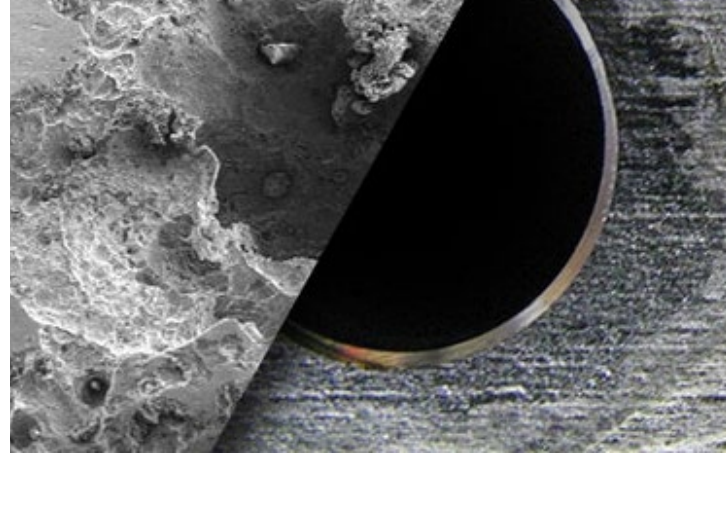
Swagelok premium-quality **Filters** trap and contain harmful and costly particulates throughout your fluid system – saving you substantial operating time, money, and worry.

Learn More.

Know More.

Profit More.

If left unchecked, system contaminants caused by your mechanical equipment, corroded tubing or tanks, dirty process media, or other major root sources will not only severely damage your valuable componentry, but could also interfere with your analytical instrumentation.



For Example...

a worn or impaired valve seat may fail to completely shut off flow. Or a compromised regulator seat may lead to excessive downstream pressures or upstream pressure loss.

HOW TO...

safely and properly install Filters:

Actually, the process is quite similar to that for tube fittings. But, first and foremost, always follow the filter manufacturer's published instructions. Follow the flow arrow to determine specific inlet and outlet ports to confirm directional flow. Make sure, when installing a filter before a valve or regulator, to mount the valves so that they're properly supported by a bracket versus tubing or pipe. Bottom line: Filters should always be inserted where they're readily visible, accessible, and protected. Also:

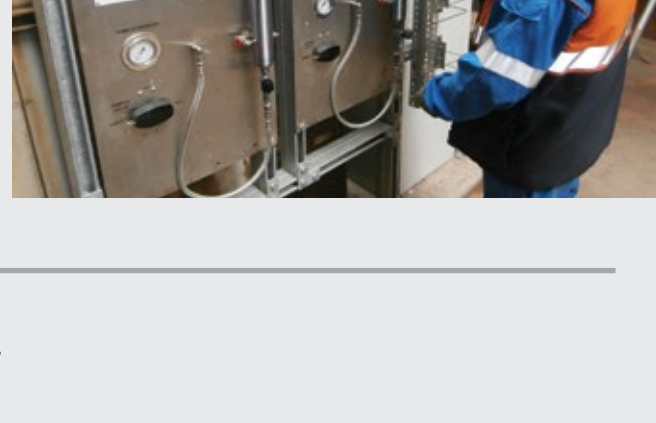


Remember to clean them at a regular and recurring interval – as the filtration element will collect contaminants and could clog.

WHERE TO...

most effectively install Filters:

1. Near cylinder gas dispensing... as interiors of damaged cylinders could flake off into your fluid system as gas is delivered.
2. Near valves and regulators to ensure safe and proper operation of such components.
3. Near pumps...as their moving parts generate small debris over time.
4. Near online analyzers to prevent any interference with the integrity of the sample's composition.



WHAT ARE...

typical types of Filters:

Particulate Filters are ideal for general industrial gas and liquid filtration where they simply stop contaminants from continuing down the process line.



Coalescing Filters are primarily designed for online analyzer applications – and for gas filtration – where the filtration element catches the fine liquid droplets suspended in gas, forcing them to form larger drops that are then forced to the inside of the element by gas flow and gravity before liquid exits the filter via a drain port.



Lastly, **High-Purity Filters** achieve a particle removal rate greater than 99.9999999% at 0.003 µm at maximum flow rates.



THE RULE:

Exceptional filtration practices deliver exceptional system/component health, performance, and end products.



WE DELIVER DIFFERENCE-MAKING SOLUTIONS:

Products | Strategic Support Services | Application Know-How

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The Brand. The Inventory. The Expertise.

WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



Industry-Best Componentry



Masterful Custom Fabrication



Expert Safety Training



Extensive Energy Evaluations



Unparalleled Application Knowledge



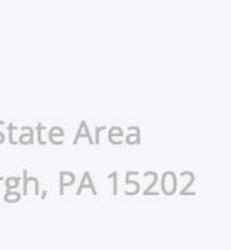
Comprehensive Hose Advisories



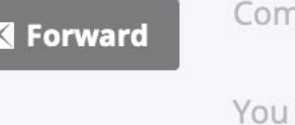
Proven Inventory Management Support



Genuine Swagelok Tool Rentals



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