



# TTI

Service Quality Innovation

## Benefits of Patented SmartMedia™ Technology

Improved Filter Performance and Longer Service Life — All at the Same Efficiency



\*COLORED MEDIA USED TO SHOW PATENT. NO COLORED MEDIA IS USED IN MANUFACTURING.\*

TTI's SmartMedia technology utilizes parallel flow to increase dirt holding capacity and lower pressure drops.

- **Up to 35% Longer Service Life**
- **Up to 35% Better Pressure Drop**
- **Drop-In Solutions for Existing Applications**
- **Patent-Protected Design**

## The Future of Filtration

Our patent-protected solution leverages centuries of German media technology to provide the best filter available today.

TTI SmartMedia filters are ideal for systems with cold start-ups and excel at fighting varying sizes of particulate contamination, high or fluctuating viscosity, and much more.

TTI's SmartMedia elements also offer exceptionally low pressure drops for most hydraulic, lubrication, or bulk fluid transfer systems.

Maximize your uptime by maintaining optimal system pressure and cleanliness with this innovative and drop-in ready solution. With over 40,000 crosses and growing, we can find the right filter for your system.

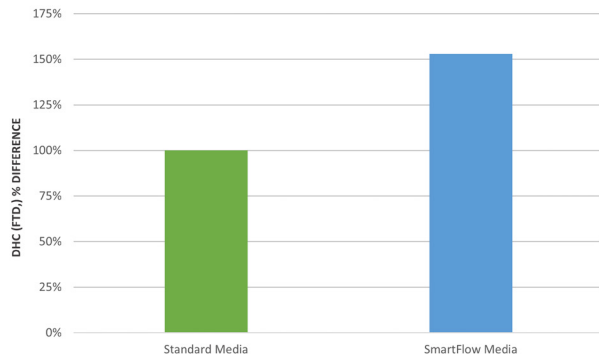
Whatever your specific needs, TTI can take your fluid cleanliness to the next level.



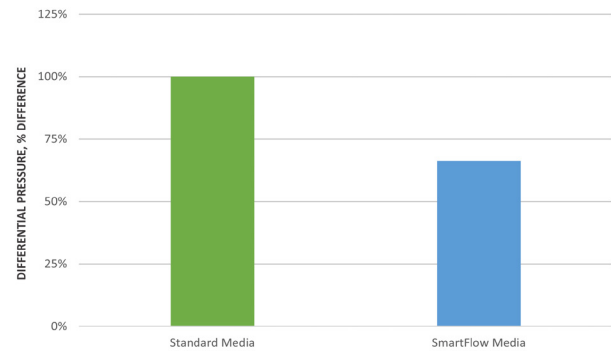
# Same Efficiency, Lower Pressure Drop

See how SmartMedia Technology compares to standard media.

### Dirt Holding Capacity Comparison



### Differential Pressure Comparison



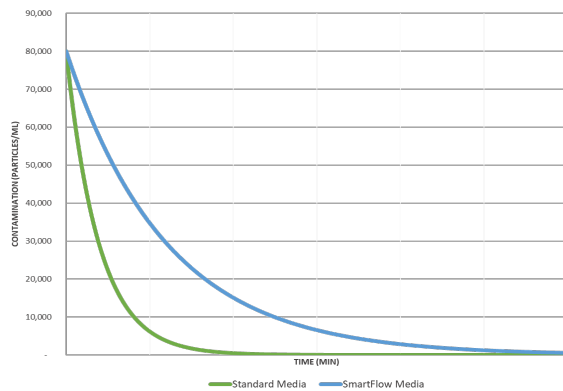
## Optimal Efficiency, Lower Costs

SmartMedia filter elements excel at lowering your differential pressure drops, reducing the strain on your equipment and reducing maintenance costs.

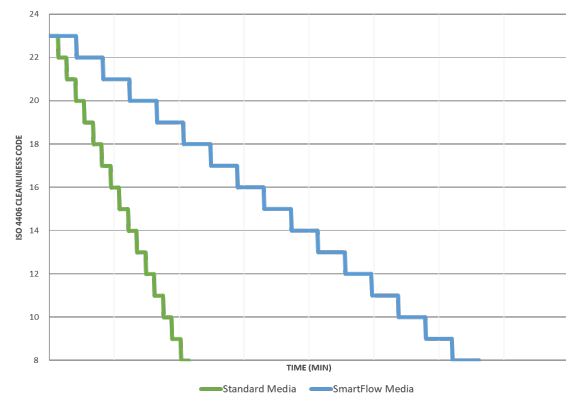
## Longer Service Life

SmartMedia's superior dirt-holding capacity ensures longer-lasting performance and less frequent replacements, making it easy for you to focus on more important tasks.

### Particle Count vs. Time



### ISO Cleanliness Code vs. Time



## Unwavering Filtration Quality

SmartMedia technology maintains or improves system cleanliness with a lower pressure drop and longer service life by optimizing the clean-up time of the system.

## Efficiency Meets Consistency

SmartMedia configurations lead with lower pressure drops, while still ensuring system cleanliness goals are still met over time.

**SmartMedia Technology was Developed with These Top Industries and Applications in Mind**

Cold Start-Up Applications  
Upgrading Legacy Applications  
Steel Manufacturing  
Power Generation/Transmission  
Pulp and Paper Mills & Plants

## Have Questions or Need Assistance?

Let our friendly customer experience team know and they'll help you right away!

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