

Amiad launches new generation of 10, 20, 30, 40 micron screen elements, enabling higher performance for all Amiad screen products.

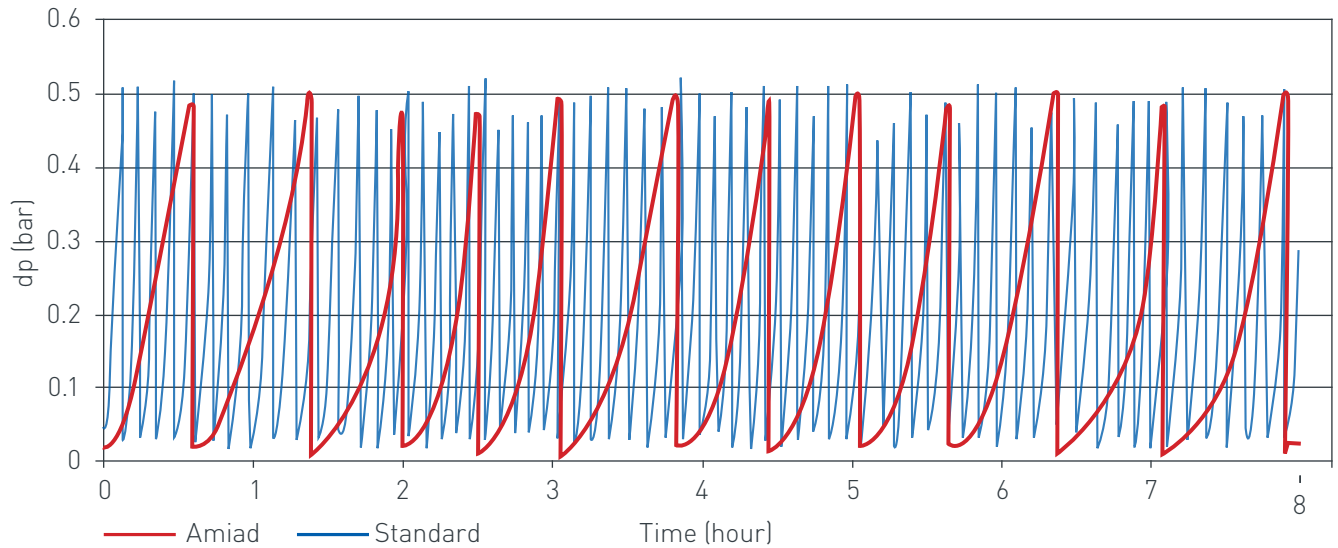


Features:

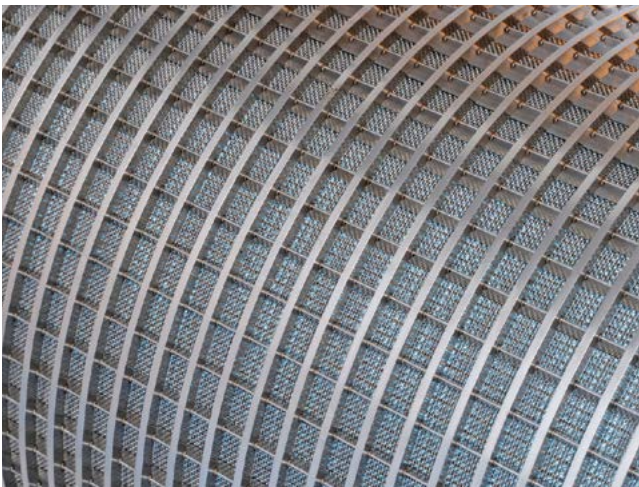
- High dirt holding capacity with long filtration cycles
- High filtration velocity
- Excellent cleanability
- Precise filtration degree
- Reliability & durability

High Dirt Holding Capacity

- Longer filtration cycles
- Lower energy demand (lower average DP)
- Reduced backwash volume
- High recovery rate
- Longer maintenance intervals
- Less wear and tear
- Reduced total operational cost
- Longer filter life span



High Filtration Velocity



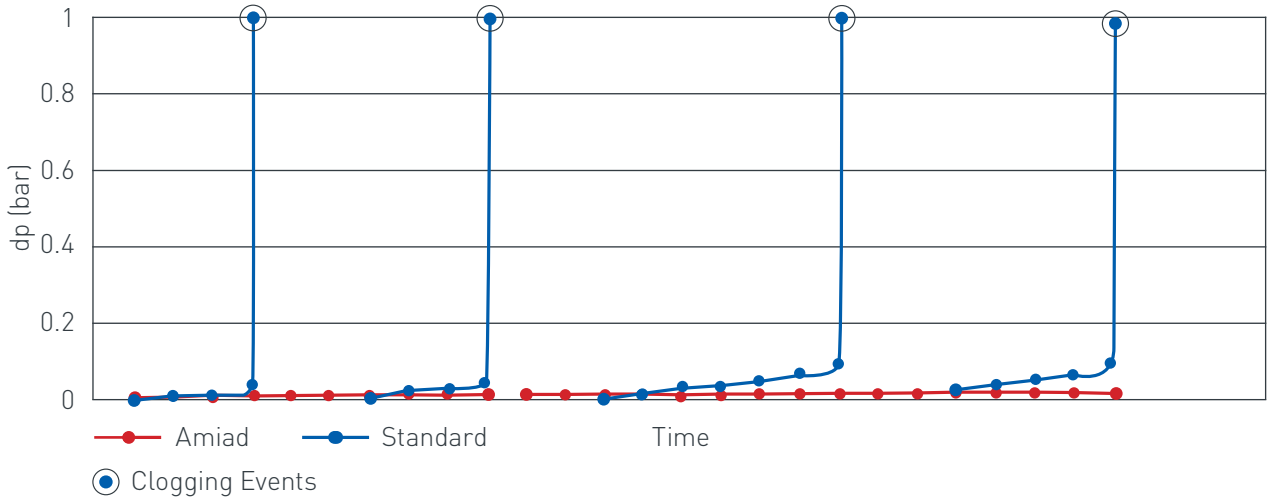
- Quadrupling the flow without increasing head-loss
- The unique 3D weave effectively increases the number of pores per square centimeter of the screen

Excellent Cleanability

Screen structure designed for optimal cleanability

Amiad's efficient screen cleanability enables the filter to maintain initial dP value, effectively preventing clogging and accumulation of dirt on the screen.

Cleanability in high TSS loads

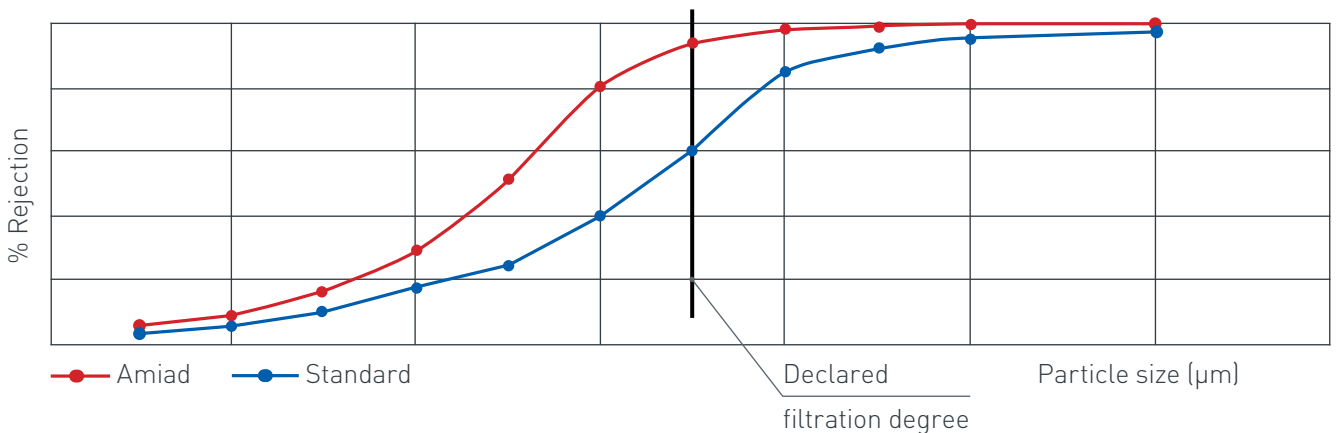


The above graph shows return to initial dP with dirt load as high as 200 mg/L. Maintaining a low dP has direct impact on energy consumption and downstream flow stability.

Precise Filtration Degree

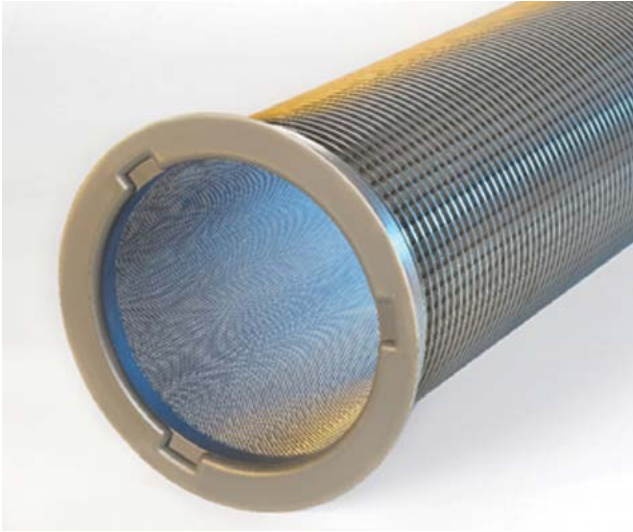
Filtration degree validated by third party laboratories and verified by internal tests

Comparative filtration efficiency



Comparison between Amiad's fine screen performance and a standard screen with the same declared filtration degree (geometrical pore size). Test performed according to ISO/DIS 16889 (single pass method).

Reliability & Durability



- New screen tested up to 200,000 backwash cycles
- SMO 254 available for corrosive water applications
- Robust and simple design
- Reduced down time

When Performance Counts - Amiad

About Amiad:

For more than 5 decades, Amiad has accumulated an exceptional level of expertise and knowhow in the field of fine water filtration.

Amiad delivers optimal water filtration solutions globally, serving and supporting our customers in over 80 countries.

Scan to watch short clips of Amiad's filters:



Omega filter



EBS filter



SAF filter