

# PURACITE

## Optimize Your Filtration System

At AWI we focus on filter optimization. We provide technical expertise, products and services to improve the granular media filtration process in industrial and municipal water and wastewater treatment plants. Optimization solutions often lie in the filter media bed and improving its performance.

Increasingly stringent effluent water quality and backwash re-use guidelines are driving the specific need for the water treatment industry to optimize and upgrade filtration systems. AWI Puracite™ filter anthracite offers many advantages over traditional filter anthracite.

*As compared to traditional filter anthracite of the same size, AWI Puracite™ can:*

- **Lower required backwash rates**
- **Decrease backwash volume**
- **Decrease intermixing**
- **Improve compatibility in a dual media design**

The advantages of AWI Puracite™ can be realized in a wide range of granular media filtration processes including surface and ground water treatment. Numerous North American water treatment facilities are currently using AWI Puracite™ filter anthracite.

*Replacing existing filter anthracite with AWI Puracite™ can:*

- **Produce longer filter runs**
- **Reduce headloss**
- **Provide greater solids holding capacity**

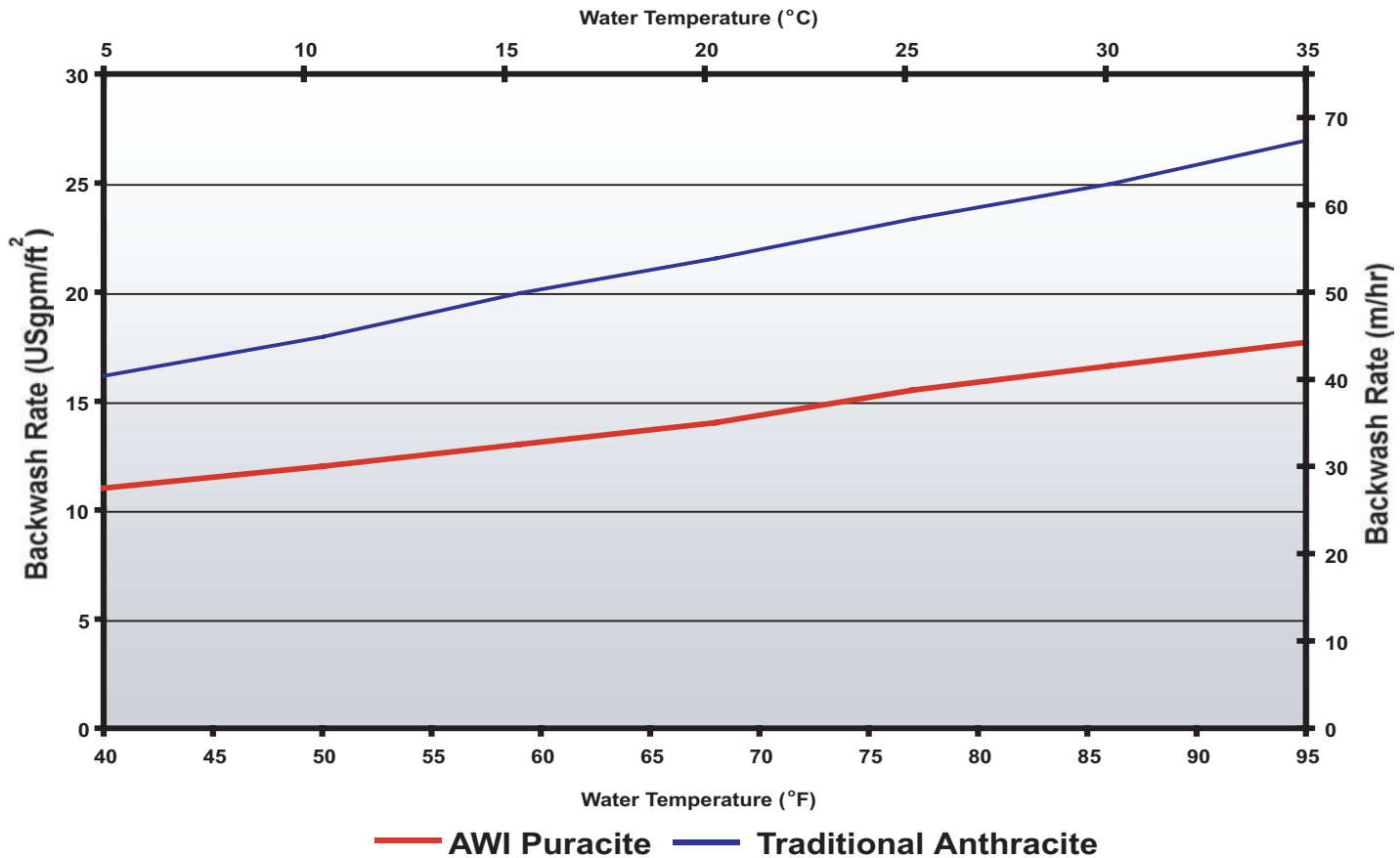


**We've  
got it  
covered  
with  
AWI  
Puracite™**



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## Example of Appropriate Filter Anthracite Backwash Rates



AWI Puracite™ filter anthracite is carefully selected for its:

- Consistency • Inertness • Filtration Characteristics • Backwash Characteristics
- Retention of Particle Shape

AWI Puracite™ can be shipped in 1 cubic foot bags or 40 cubic foot bulk bags. Our service doesn't end with a filter media design and supply; we also provide AWI filter media loading educator units, technical expertise and experienced field technicians -- our aim is to make your filter media selection and installation as smooth and efficient as possible.

Filter Upgrades & Retrofits  
 Phoenix Underdrain System  
 Phoenix Panel System  
 Filter Media Design & Supply



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