

AZURE-D™ PLEATED POLYESTER FILTERS (PEAZ)

AZURE-D™ is a unique broad spectrum anti-microbial polyester filtration media with Agion® technology inside, providing controlled long-term antimicrobial action, safety for drinking water, prevention of biofilm buildup, and durability in filter systems. With broad-spectrum efficacy, the media is active against bacteria, mold, mildew, fungi, biofilm formation, and some algae species over extended periods of time due to the carrier matrix that regulates the Agion® zeolite ion release.

Unlike coatings, AZURE-D™ and Agion® are incorporated into the polyester-based media structure, so the antimicrobial protection doesn't wash off. It is compliant to NSF/ANSI 61/42 and EPA registrations for water treatment applications. The Agion® blended additive is NSF/ANSI standard 61 approved, EPA registration approved under 40 CFT152, and FDA GRAS recognized as safe for use in food and water system applications. It is not intended to sterilize water passing through.

For drinking water applications, utilize AZURE-D™ filtration media where submicron ratings are required for the removal of cryptosporidium and giardia cysts. Available in any pleated filter configuration available, UFI can design for any filtration needs, from standard filter designs to special and unique company-specific configurations. Durable filter designs maximize dirt holding capacity.



★ OVERVIEW

- **Type:** AZURE-D™ Pleated Polyester
- **Construction:**
 - Vinyl Plastisol End Caps
 - Antimicrobial Polyester Media
 - Polypropylene Core
- **Operating Temperature Range:** 40 °F (4.4 °C) to 145 °F (63 °C)
- **Micron Rating:**
 - Nominal: 0.35, 0.5, 1, 5, 10, 20
- **pH Range:** 3 to 11 (for Liquids)

★ FEATURES

- Nominal particle retention ratings
- Superior flow characteristics
- High dirt holding capacity
- Many lengths and cartridge styles
- Low clean differential pressure drops
- Pleated polyester Agion®-infused filtration media is active against bacteria, mold, mildew, fungi, and biofilm due to the carrier matrix that regulates zeolite ion release

★ SPECIFICATIONS

DIMENSIONS	MAX. FLOW RATES
2-5/8" Ø x 9-3/4", 10" long	5–7 GPM
2-5/8" Ø x 19-1/2", 20" long	10–14 GPM
2-5/8" Ø x 30" long	15–21 GPM
2-5/8" Ø x 40" long	20–28 GPM
4-1/2" Ø x 9-3/4", 10" long	10–15 GPM
4-1/2" Ø x 19-1/2", 20" long	20–30 GPM
4-1/2" Ø x 30" long	25–35 GPM

Warning: Filter is ideal for filtering out taste, color, and odor particles, but may not be suitable where water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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