

ASM-10-HP

Arsenic selective high-purity hybrid media, styrene/DVB gel, chloride form

ResinTech ASM-10-HP is a chloride form arsenic selective hybrid anion exchange resin. ASM-10-HP has hydrated iron oxide monoatomically dispersed throughout the polymer giving the product hybrid properties, and exceptional capacity for certain anions. ASM-10-HP is intended for arsenic removal although it does remove uranium and other trace level contaminants. ASM-10-HP has been Gold Seal Certified by the WQA for use in potable water applications.



FEATURES & BENEFITS

- High Affinity For Arsenic Over Other Anions
- No Arsenic Dumping
- Superior Physical Stability
- Complies With US FDA Regulations

APPLICATIONS

- Arsenic Removal
- Silica Removal
- Phosphate Removal



US Patent # US 7504036
 Meets NSF/ANSI/CAN 61
 Meets NSF/ANSI/CAN 372

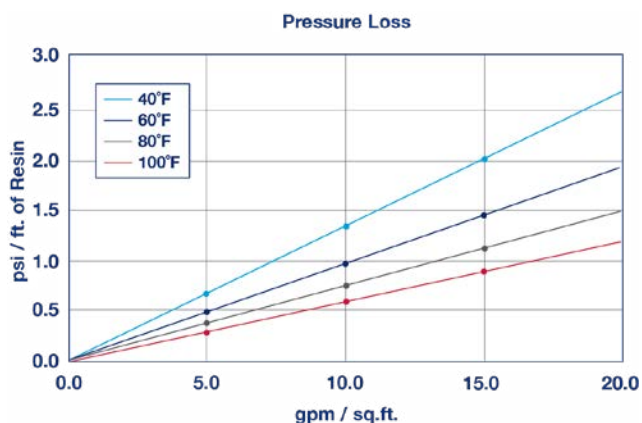
Kosher Certified
 Halal Certified

Conforms to §21CFR173.25 of the USFDA Food Additives Regulations

ASM-10-HP

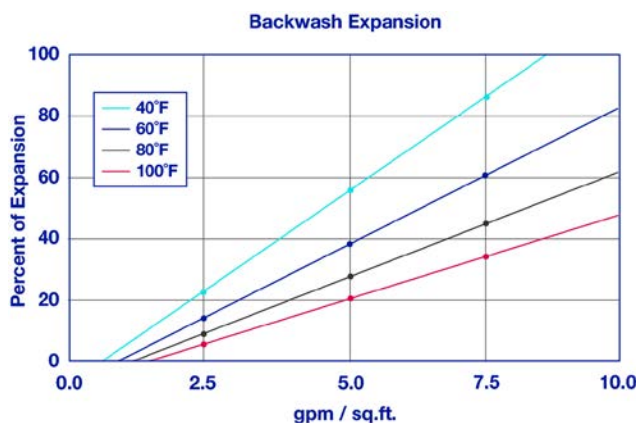
Polymer Matrix	Styrene/DVB	Minimum Sphericity (%)	93
Polymer Type	Gel	Uniformity	Gaussian
Ionic Form (as shipped)	Chloride (Cl ⁻)	Uniformity Coefficient	1.60
Functional Group	Hybrid	Capacity (meq/mL)	1.40
Physical Form	Spherical Beads	Moisture Retention (%)	35 to 45
Particle Size US Mesh (µm)	16 (1190) to 50 (297)	Shipping Weight	48 - 50 lbs/cu.ft. (769 - 801 g/L)
< 50 mesh (300 µm) %	< 1%	Color	Black

PRESSURE LOSS



The graph above shows the expected pressure loss of ResinTech ASM-10-HP per foot of bed depth as a function of flow rate at various temperatures.

BACKWASH EXPANSION



The graph above shows the expansion characteristics of ResinTech ASM-10-HP as a function of flow rate at various temperatures.

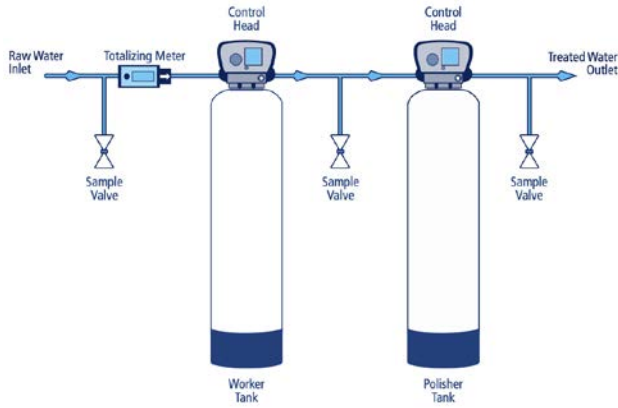
SUGGESTED OPERATING CONDITIONS

Maximum Temperature	250°F (121°C)	Operating pH Range	4.0 to 8.0
Minimum Bed Depth	24 in. (61.0 cm)	Flow Rate	
Maximum Pressure Loss	25 psi (172 kPa)	Working Service	1-10 gpm/cu.ft. (8-80 BV/h)
Backwash Expansion (%)	25 to 50		



SILICA REMOVAL

SUGGESTED SYSTEM CONFIGURATION FOR ASM-10-HP



PACKAGING

Standard

1 cu.ft. Bag | 7 cu.ft. Drum
 42 cu.ft. Supersack | 5 cu.ft. Drum

Metric

1000L Supersack | 140L Drum

SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith. However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

Safety Data Sheets (SDS) are available at resintech.com

