AVANTech Media

CATION RESINS

ARM-C80

Strong Acid Gel 8% DVB
Sodium or Hydrogen Form

For use in demineralizers and mixed beds that have moderate amounts of chlorine in the feedwater

ARM-C100

Strong Acid Gel 10% DVB
Sodium or Hydrogen Form

High resistance to thermal and chemical oxidation, for use where physical and chemical durability are more important than chemical efficiency

ARM-C200M

Strong Acid Macroporous
Sodium or Hydrogen Form

For high flow rate and high temperature polishing, and other applications that require highest possible physical strength and chemical durability

ARM-C300WAM

Weak Acid Macroporous
Sodium or Hydrogen Form

For all hydrogen cycle dealkalization, as a component resin in complex demineralizers, and for metals removal in waste treatment applications

ARM-C300WAG

Weak Acid Gel Carboxylic
Sodium or Hydrogen Form

For use in dealkalization, deionization, and chemical processing applications

ARM-CC400

Color Indicating Strong Acid 8% DVB
Hydrogen Form

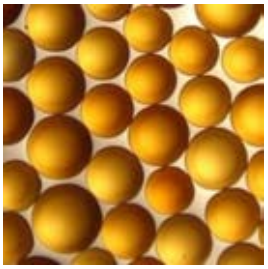
Ideal for cation conductivity columns where removal of ammonia, amines, and other cations allows a more sensitive measurement of conductivity contributed by anions that are present

ANION RESINS

ARM-A100P

Type 1 Porous Strong Base Gel
Chloride or Hydroxide Form

For use in hydroxide form for all types of deionizing systems, and in chloride form for removal of contaminants such as nitrate, arsenate, chromate, uranium



ARM-A100

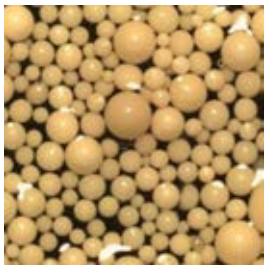
Type 1 Strong Base Gel
Chloride or Hydroxide Form

For use in hydroxide form for all types of deionizing systems, and in chloride form for removal of contaminants such as nitrate, arsenate, chromate, uranium

ARM-A100MP

Type 1 Strong Base Macroporous
Chloride or Hydroxide Form

For use where physical strength and resistance to oxidative damage is more important than high operating capacity, especially suited for high flow rate and high temperature polishing applications



ARM-A100WBM-F

Weak Base Macroporous
Free Base, Acid Salt, or
Hydroxide Form

For use in multibed demineralizers, resource recovery systems, and for selective ion removal

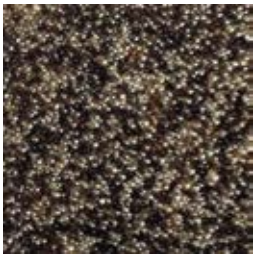
ARM-A100AC

Type 1 Acrylic Strong Base Gel
Chloride or Hydroxide Form

For rapid removal and elution of organics and low fouling in surface waters

AVANTech Media

MIXED BED RESINS

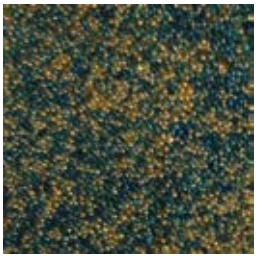


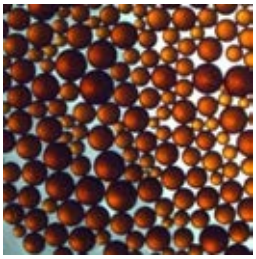
ARM-M100

High Purity Grade
Hydroxide Form Type 1 Strong Base Anion (60% vol.) and Hydrogen Form 8% Crosslinked Strong Acid Gel Cation (40% vol.)

ARM-M300

Color Indicating
Hydroxide Form Type 1 Strong Base Anion w/blue dye indicator (60% vol.) and Hydrogen Form Sulfonated Polystyrene Gel Strong Acid Cation (40% vol.)

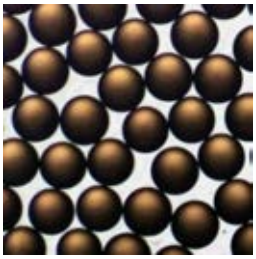




ARM-M160

Designed for Service Deionization, Nuclear or Semiconductor Grades
Type 1 Strong Base, Highly Porous Gel Anion Hydroxide Form (60% vol.) and 10% Crosslinked Strong Acid Gel Cation Hydrogen Form (40% vol.)

SPECIALTY RESINS



ARM-SRA-R25

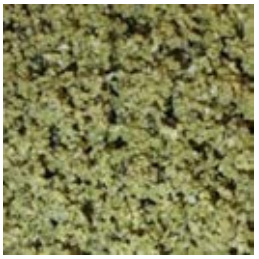
Hybrid Strong Acid Cation Sodium Form

For use in removing radium from potable water supplies

ARM-SCS-600

Granular Aluminosilicate Zeolite Cation Sodium/Potassium Form

Selective for removal of cesium from waste waters that contain moderate levels of sodium and potassium and for removal of ammonia from water



ARM-SHG-200

Macroporous Weak Acid Cation Hydrogen Form

Mercury/heavy metal selective, intended for mercury removal and removal/recovery of various precious metals

ARM-SCR-700

Granular Gel Weak Base Anion Acid Chloride Form

Chromate selective, intended for all chromate removal applications

COCONUT SHELL-BASED CARBON

ACM-50-CS

Premium Grade Granular Activated Carbon, 20 x 50 Mesh

For applications where the highest possible surface area and adsorption rates are needed

ACM-30-CS

Premium Grade Granular Activated Carbon, 8 x 30 Mesh

Intended for high flow rates and where suspended solids are present that might plug a finer mesh carbon

ACM-40-CS

Premium Grade Granular Activated Carbon, 12 x 40 Mesh

For use in dechlorinating water and reducing organic impurities, as pretreatment for reverse osmosis and ion exchange systems

ACM-SP-40

Premium Grade Granular Activated Carbon, 20 x 30 Mesh

Silver chemically plated onto carbon surface, designed and developed to inhibit growth of bacteria