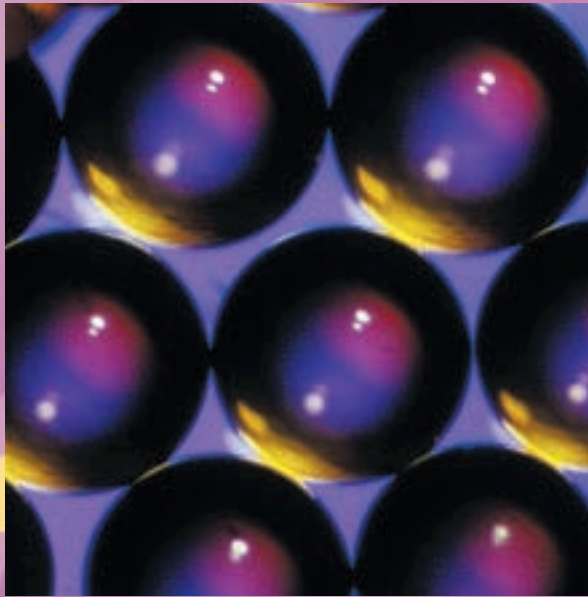




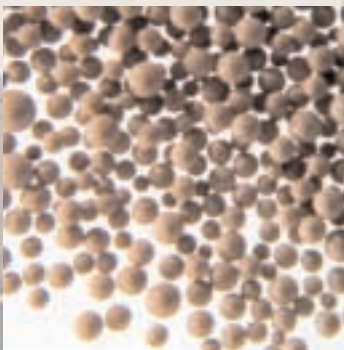
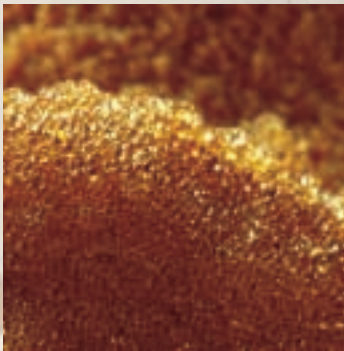
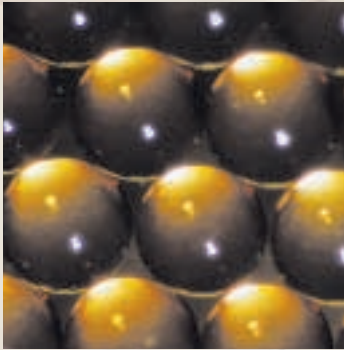
Graver Technologies

ION EXCHANGE RESINS



THE RIGHT RESINS

**You demand a lot from
your ion exchange resins.
You can expect a lot from
Graver Technologies.**



Ion Exchange Products

Graver Technologies offers a variety of ion exchange products for industries that include power generation, petrochemicals, sugar processing, pharmaceuticals and home & industrial waters. The products are used for contaminant removal from waste and process waters, condensates and other fluids.

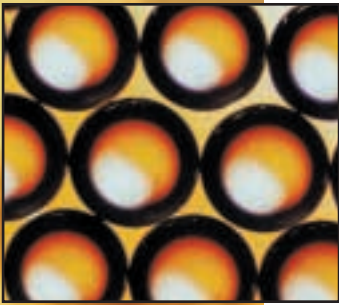
Gravex® bead resin, Powdex® & Ecodex® powdered resin products and Radex® floc products are used for superior performance in a wide array of applications. Advant-IX® processing services are available for those customers interested in having spent resins processed to achieve continued service life.

At Graver, we are committed to meeting our customers' needs, whatever they are. A satisfied customer is a primary goal. We will evaluate any and all special needs, from products & packaging to process challenges and solutions. The willingness to meet these needs is what sets us apart.

Graver's fully functional Quality Control Laboratory evaluates our ion exchange products, throughout the manufacturing process. The QC Lab is also available to verify your alternate product parameters. Certificates of Analysis & Conformance are readily available for all products tested.

All Graver ion exchange products are manufactured in accordance with a Quality Assurance Program meeting the requirements of Title 10 of the Code of Federal Regulations, Part 50, Appendix B. This is commonly referred to as 10CFR50AppB and is titled Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants. Although virtually identical to ISO-9000 requirements, 10CFR50App.B is more focused on quality parameters that impact performance.

Whether Gravex bead or powdered resins, Graver Technologies ion exchange products are manufactured for sustained consistent performance, in all applications.



GRAVEX®

Gravex is a complete product line of high-purity, quality-certified cation, anion and mixed bed ion exchange resins. Strong acid and base resins, as well as weak acid and base resins, are available with either styrene or acrylic matrices. A wide array of product parameters is offered to comply with varied application requirements. Gravex resins are processed for uses such as make-up demineralization, condensate polishing, radwaste treatment, and as nuclear grade for PWR primary side purification. Ion selective Gravex products are useful for decontamination of waters, radionuclide reduction and metal recovery and removal.

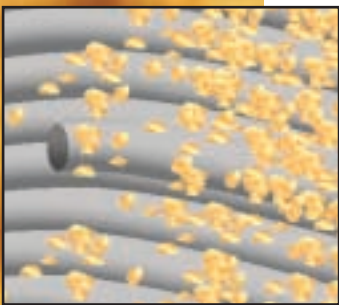
Gravex - The Independent Choice



POWDEX® & POWDEX PREMIX™

Powdex powdered ion exchange resins and premixed versions are finely divided particles of bead resins. Although chemically the same, Powdex achieves rapid kinetic performance, while maintaining excellent hydraulic permeability. These products are applied to large surface area filter septa, and then subjected to flow rates up to 4 gallons per minute per square foot of surface area. Condensate polishing is a major application. The original Powdex components allow for flexibility in setting cation to anion ratios. The Powdex Premix resins are easy-to-use, one-step preparation products providing operational benefits.

The Better Choices - The Best Products



ECODEX®

Ecodex products are specially prepared mixtures wherein the Powdex resins and cellulose fibers are effectively interacted to form flocced agglomerates. The enhanced permeability of these products results in extended run lengths and reduced waste generation. The Ecodex Meridian™ series is a family of specialty products used for specific applications or goals. One type uses polyacrylonitrile (PAN) fiber to achieve non-biodegradable status. Alternate fibers and selective resins are also used. Our Ecodex Ecoguard® series is designed to be used for economical condensate polishing and other cost-conscious applications.

Premium Quality - Great Value



RADEX®

The Radex flocc products are unique formulations of specialty or selective ion exchange and adsorptive media. Ultra-fine functional particles are processed to achieve hydraulic permeabilities far beyond those normally attainable with fine particles. In essence, they behave like much larger granular or bead particles. The Radex media are useful in a broad spectrum of applications. Radionuclide reduction in contaminated radwaste water sources is a prime area of application. Products such as Cs Flocc and Co Flocc, remove cesium and cobalt. Other selective Radex versions are available, as required.

Ion Selective Media for Decontamination



ADVANT-IX™

ADVANT-IX resin processing and services are available for end-use customers and distributors. Both new and previously used resins can be evaluated and treated to meet custom requirements. A state-of-the-art QC Laboratory evaluates thousands of resin samples annually. Expert interpretation indicates whether reprocessing or replacement is the better choice. Process services include resin regeneration and rinsing, to the highest purity levels. Cycling weak acid and base resins reduces leachable contaminants and allows for immediate use, avoiding potential difficulties with irreversible swelling. Dry blending custom mixed beds ensures the most uniform products possible. Precision grinding techniques are used to produce powdered products, with optimum characteristics.

Quality Processing for Custom Needs



Graver Technologies



Graver Technologies For All Your Separation & Purification Needs



Superior Products & Global Reach

Whether your business is around the corner or around the world, Graver Technologies can support you with superior products and services. Our products are used worldwide. In fact, we export over 35% of the products we manufacture. Graver Technologies ion exchange products treat more than 6 1/2 billion gallons of process water every day. Over 75 percent of the nuclear industry uses our resins. We've achieved this by consistently delivering dependable, high performance products.

Graver Technologies is a member of The Marmon Group of companies, an international group with over \$6 billion in annual sales. Graver Technologies delivers products that facilitate and enhance separation, purification, and process filtration. Graver Technologies has the technical resources and financial strength that make us the perfect partner for your business, whether it's around the corner or around the world.

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