

Applications- R3f Technology- Ion Exchange Resins

One of the greatest potentials for the R3f technology is its ability to facilitate the use of fine ion exchange resins. As with adsorption media the finer sized resins demonstrate higher rate kinetics leading to better utilization of the resins and smaller process column foot prints. As a result the R3f Technology has excellent applications in the removal of

1. Metals such as arsenic, lead, chromium, and zinc
2. Organics removal such as Mtbe, phenolic compounds and chlorinated organics.
3. Nitrates and Nitrites removal
4. Salts Removal
5. Acid Removal for corrosion control
6. Inhibitor and stabilizer removal
7. Acid and Caustic Purification