

# INERT RESIN



PROBEAD™ ER40001

**ProBead ER40001 (P/N ER40001)** is an inert bead form buffer designed for use in mixed bed demineralizers that are regenerated in place. The inert material fills the space around the interface collector, between the layer of cation and anion resin. The inert media prevents cross contamination by separating the cation from the anion resin during regeneration.

## FEATURES & BENEFITS

- **Uniform Particle Size**—95% of all particles are in the 20 to 35 mesh range.
- **Truly Inert**—The media has no cationic or anionic functionality of any kind. It is not soluble in acids or bases and has high resistance to oxidation.
- **High Void Space**—The spherical shape of media creates a large void space while maintaining excellent separation between the active resin layers.

## Typical Properties

Type .....	Acrylonitrile crosslinked with divinylbenzene
Specific Gravity .....	1.15
Bulk Density.....	Approx. 45 lb/cu.ft.
Screen Size.....	20 to 35 mesh
Ion Exchange Capacity .....	None
Maximum Temperature.....	140°F (60°C)

## Application Data

ProBead ER40001 is generally used in a layer with a depth of 9 to 12 inches surrounding the interface distributor screens.