Arq

FluxSorb™ RC

An injectable colloidal carbon designed to target difficult-to-treat contaminants in groundwater and soil

FluxSorb RC is a patent-pending colloidal carbon product (CCP). CCPs are composed of an aqueous dispersion of activated carbon (AC) with a micron-particle size distribution.

This CCP is designed to flow through native soil environments during low pressure injection and demobilize after injection, thus creating an in situ permeable adsorptive barrier. The AC features of FluxSorb products are designed with specific contaminant sequestration properties, including matching AC pore size to target contaminant size and surface characteristics to target contaminant hydrophobicity and charge.

Package and Delivery

FluxSorb RC is delivered in 275 gallon totes.

Typical Properties

Activated Carbon	$15\%_{wt}$
Particle Size	<3.0 µm
Viscosity	2000 cP
Density	1.0 g/mL

We reserve the right to amend any specification without notice.

Product Benefits

- **Fast Kinetics:** Quickly achieves groundwater targets and reduces risk during implementation
- **High Persistence:** Favorable longevity achieved with high subsurface persistence
- **Safe Chemistry:** Quickly achieves groundwater targets and reduces risk during implementation
- **Minimizes Undesirable Reactions:** Minimized undesirable byproduct generation or metals mobilization
- **Compatible Amendment:** Easily integrated into a combined remedy with synergistic chemistries and amendment
- **Minimal Disturbance:** Compatible with low pressure injection

What it Captures

- PFAS (Per and polyfluoroalkyl substances)
- Hydrocarbons
- Chlorinated Solvents
- CCR Inorganics (Coal Combustion Residuals)

Updated 9.2.25

Arq

720.598.3500

866.316.5553

8051 E. Maplewood Avenue
Suite 210
Greenwood Village, CO 80111

Arq.com