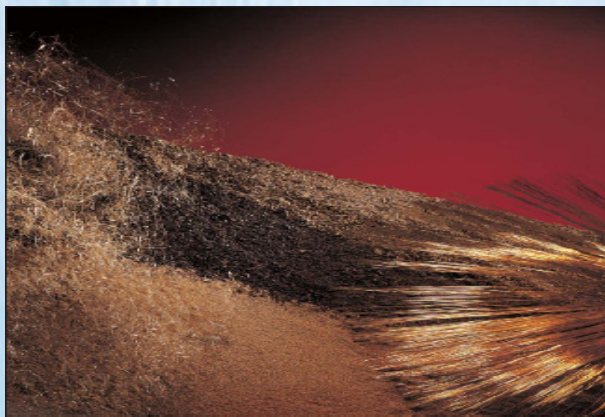


The KDF Process

Founded in 1984, KDF® is a technological leader in the fluid treatment industry. Beginning with a U.S. patent for KDF® redox alloy media in 1987, the company continues its technological innovation.

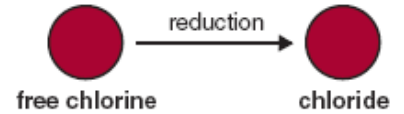
KDF® process media are high-purity, granulated copper and zinc-based alloys that treat water through a process based upon the principle of redox (Oxidation-Reduction). This process is generally used in pretreatment, primary treatment and wastewater applications. Originally, KDF was shorthand for Kinetic Degradation Fluxion. Basically, KDF creates zinc oxide in the cartridges which helps stop bacteria from growing and allows the carbon to last longer. KDF® media supplement or replace existing technologies to dramatically extend system life, reduce heavy metals, microorganisms, scale, lower total cost, and decrease maintenance.

Patented KDF® process media are 100 percent recyclable and contain no chemical additives. Hospitals, restaurants, municipal water treatment facilities, and homes rely on KDF® process media to safely reduce or remove chlorine, iron, hydrogen sulfide, heavy metals, and bacteria from their water.

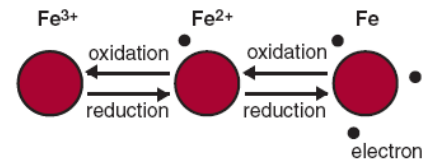


KDF® process media are high-purity, granulated copper and zinc-based alloys that treat water

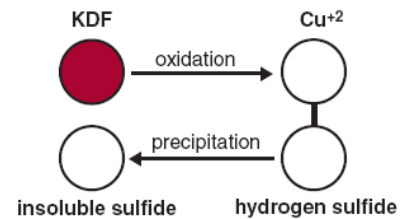
Typical Redox Reactions



Harmful chlorine is removed by changing free chlorine into chloride ions.



KDF process media act as catalysis to change soluble ferrous cations into soluble ferric hydroxide, which is easily removed by regular backwashing



KDF process media converts hydrogen sulfide to insoluble sulfide, which can be removed by backwashing.



H₂O's Water Warehouse
a division of ...



H₂O International Inc.

3001 S.W. 15 Street, Suite C • Deerfield Beach, FL 33442 • USA

1-800-570-3464 (US) 1-954-570-3464 • Fax 1-954-480-9962 e-mail: h2oww@h2ofillar.com

Refreshing Quality