

## -8/+50 MESH ZERO VALENT IRON

CAP Remediation offers high-quality zero valent iron in three off-the-shelf grades as well as the ability to customize particle sizes for in situ remediation projects.

Our zero valent iron is created from carefully vetted sources of cast iron and utilizes a proprietary method to pulverize the iron to exacting mesh sizes. All stages of production are subject to quality assurance testing to ensure that the highest quality standards are maintained.

CAP Remediation’s zero valent iron can be used for many ISCR remediation projects, including injection, auger placement, or permeable reactive barrier walls and several grades are offered as emulsified ZVI.

Our -8/+50 mesh zero valent iron is perfect for trenches and barrier walls.

### SPECIFICATIONS

Contaminants Treated	<ul style="list-style-type: none"> <li>• Halogenated aliphatics (PCE, TCE, TCA)</li> <li>• Halogenated Aromatics</li> <li>• PCBs</li> </ul>	<ul style="list-style-type: none"> <li>• Nitroaromatics</li> <li>• Metals</li> <li>• Halogenated herbicides</li> </ul>
Grain Size	Mesh: -8/+50	Micron: 297
Reactivity	Rate Constant	Surface Area – 2.09 m <sup>2</sup> /g
Bulk Density	2.92 g/cm <sup>3</sup>	182 lb/ft <sup>3</sup>
Packaging	Drums/Buckets – 50 kg or 100 kg	Super Sacks – 500 – 1000 kg

### PARTICLE SIZE DISTRIBUTION

Sieve Size	% Passing
8 mesh (ISO/BS)	96-100%
50 mesh (ISO/BS)	<4%

### ASSAY

Carbon	~2%
Silicon	~1%
Sulfur	~0.1%
Iron	Balance