

# CS Carbon

Petroleum Coke Breeze for Cathodic Protection Systems



CS Carbon is a quality backfill with excellent conductive properties at an affordable price.

## Description

This premium carbon product has a high fixed carbon content, low electrical resistance and a consistent particle size that will provide excellent soil surface conductance. These characteristics allow fast settling when pumped into a well and the consistent particle sizing allows for high compaction, reduces column water migration and lowers risk of aquifer contamination when compared to products with variable course particles.

Specifically designed for the impressed current cathodic protection market to lower anode grounding resistance by having consistent particle sizing, which provides significantly improved electrical contact with the soil. CS Carbon can be used in traditional shallow horizontal/vertical applications and can be mixed with water when pumped into deep anode wells.

CS Carbon is a petroleum coke breeze that has been calcined to remove moisture and hydrocarbons.

## Features & Benefits

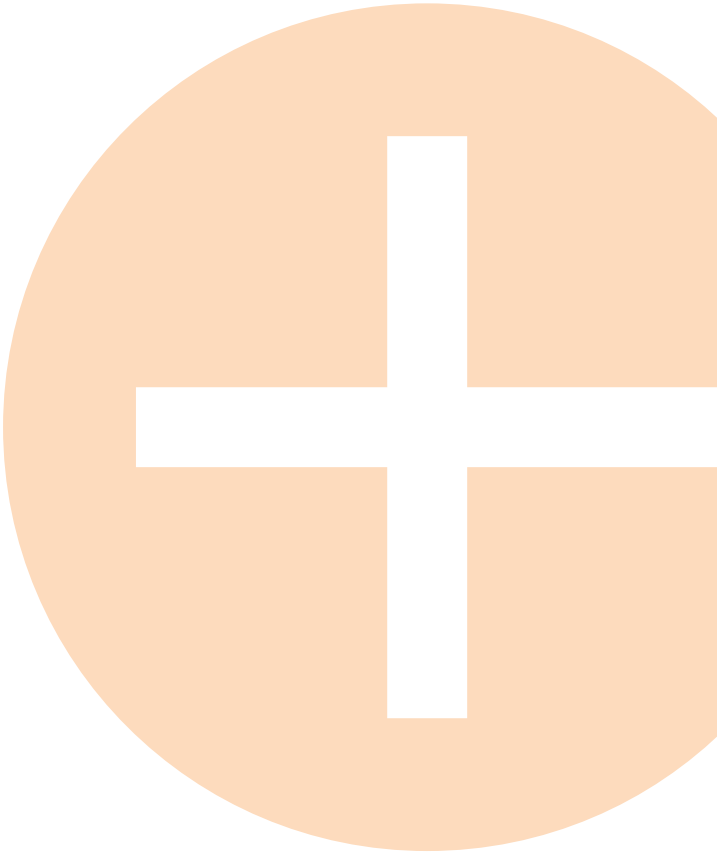
- + Reduces column water migration and lowers risk of aquifer contamination, when compared to products with variable course particles.
- + Premium backfill available at an affordable price, providing excellent value.
- + High carbon content, low electrical resistance, and consistent particle size.
- + Smaller particle size for superior soil contact, reducing system circuit resistance.
- + Available in bags or totes for easier shipping to site.

Specifications

PROPERTY	TYPICAL VALUE	UNIT
Carbon	>99	%
Ash	<1.0	%
Sulphur	<4.0	%
Moisture	<0.2	%
Bulk Density (Modified ASTM D4292)	1062	kg/m <sup>3</sup>
Particle size	99.8 (12 mesh) <15 (200 mesh)	%

PROPERTY	TYPICAL VALUE	UNIT	TEST METHOD
Resistivity	<0.3	Ω•cm	Modified ASTM G187-05
Conductivity	>3.3	S/cm	Modified ASTM G187-05

PACKAGING	LBS / KG
Bags	55lbs / 25kg
Totes	2000lbs / 910kg



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