



- Reduces Corrosion
- Quick Installation
- Minimal Dust

ConduFlow™

Protecting networks and assets

Choose ConduFlow™ for the best long-term solution for utility pole, padmount transformer and tower grounding. ConduFlow™ can also be used as liquid backfill for shallow cathodic protection systems. With an expected in-service time that is up to 20x the industry standard by virtually eliminating electrodes corrosion, you can save both money and materials by choosing SAE product solutions. ConduFlow™ offers many advantages:

- Significant dust reduction
- Pourable – no need to transfer to mixing container
- 96% reduction in corrosion of copper
- Environmentally neutral
- Extends the life of the grounding system
- High strength once cured (12-24 hours)
- Liquid installation adheres well to native material

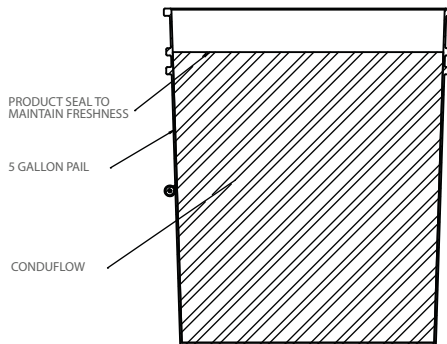
ConduFlow™ is a liquid conductive carbonaceous polymeric backfill that is manufactured for installation in a pourable form. It can be poured on exposed rock surfaces to protect conductors where trenching is not possible. ConduFlow™ solidifies and provides corrosion resistance and strength. It can withstand freeze-thaw cycling, prevent accidental damage and theft. It is sold in a five gallon container.



Applications

- May be used for utility pole grounding systems.
- Backfill installations with ground rods.
- Backfill installations with SAE's Canister Anode for cathodic protection.
- Can be poured around a conductor on a rocky surface.
- Can be installed in both warm and cold weather conditions.

Product Specifications



	Cold Weather ConduFlow:	Warm Weather ConduFlow:
Appearance	Cured: Black Solid Uncured: Dark Blue Slurry (granular)	Cured: Black Solid Uncured: Blue Slurry (granular)
Odour	Slight, sweet odour	Slight, sweet odour
Wet Density	TBD	1075 kg/m ³
Shrinkage	TBD	TBD
Compressive Strength	TBD	TBD
Permeability to Water	8.3 x 10 ⁻⁶ cm/s (ASTM 5084)	6.5 x 10 ⁻⁶ cm/s (ASTM 5084)
Hygroscopic Property	32% (SAE Standard)	17% (SAE Standard)
Resistivity	50 – 75 ohm-cm (SAE Standard) *	14 – 25 ohm-cm (SAE Standard) *
Electrolytic Corrosion Resistance	96% (SAE Standard)	100% (SAE Standard)
High Fault Current Withstand	TBD	TBD
Environmental Impact/pH in Situ	TBD	TBD

A Global Player

SAE's innovative premium products and services solve the most challenging grounding, AC mitigation and cathodic protection issues. Founded in 1990, SAE continues to develop best-in-class electrical grounding systems and cathodic protection solutions. In addition to further developing its core business, SAE is currently focused on establishing international distribution for its products and services.