



- Reduces Electrode Corrosion
- Lower Cost of Ownership
- Easy Installation

## ConduFlex AC Terminator

### Long life AC Mitigation electrode

SAE's engineered **ConduFlex AC Terminator** is a high performance, minimal maintenance AC Mitigation electrode. The **ConduFlex AC Terminator** effectively dissipates elevated levels of induced AC current and provides more pipeline protection over a longer life than current solutions. The **ConduFlex** offers a variety of benefits:

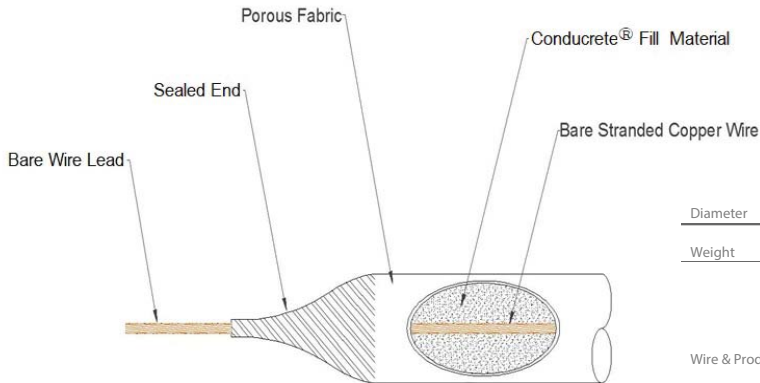
- Low permeability, reducing corrosion of the copper core
- Maintains excellent electrical performance characteristics over extended lifecycle
- pH neutral and chemically stable for low environmental impact
- Designed for fast, efficient continuous installation process
- Long life and high performance protection provide a lower cost of ownership

The **ConduFlex AC Terminator** consists of a reinforced outer jacket of weaved polymeric material for added strength which contains a copper cable, encased in **Conducrete®** backfill. **Conducrete®** is a hygroscopic carbonaceous material that "sets-up" to form solid, robust electrodes – making the installed electrodes environmentally neutral, with very low corrosion rates.





## Product Specifications



Diameter	1.5" (39mm)		
Weight	1.1 lbs/ft (1.64 kg/m)		
Wire & Products Details	Standard Wire Sizes	Finished Product Weight (Final Shipping weight include reel, pallet and lead wire weights)	
	AWG	lbs/ft	kg/m
	2/0	1.4	2.1
	1/0	1.3	1.95
#2	1.2	1.8	
#6	1.1	1.65	
Standard Reel Lengths	500' (150m) & 1500' (455m)		
Braiding	Polypropylene for strength		
Encased Stock	Porous, hygroscopic, and biodegradable		
Fill Material	Conducrete		

## Field Splicing Procedure

Field splice parts may be purchased separately depending on splice length and field conditions. Splicing requires wire "C" type connectors sized for the wire size being used followed by application of heavy-wall, heat-shrinkable tubing. Product data sheets for the recommended "C" type connectors and heat shrinkable tubing may be provided separately and purchased where **ConduFlex AC Terminator** is purchased.

### Prior to connecting the cable ends:

1. Slide the heat-shrinkable tubing along the wire.
2. Overlap the wire ends and clamp the connector into place.
3. Slide the tubing back over the connection, protecting as much of the bare wire as possible.
4. Heat with a low-to-medium output torch or high intensity hot air gun. The tubing will recover to a smaller diameter, fitting tightly over a wide range of cable sizes and accessories because of its high shrink ratio. At the same time, the tubing's inner sealant wall provides a dependable moisture seal over the most irregular shapes.
5. Once cooled, its mechanical strength enables immediate back-filling of cable trenches after jointing.