

# ***GMC STAPERM™ PRODUCT CATALOG 2012***

**“Rust Never Sleeps”**

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## **GMC STAPERM™** **Permanent Underground Ceramic Reference Electrodes**

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**Permanent Ceramic Reference Electrodes for Underground and  
Concrete Encased Applications (Space-Age Porous Ceramic)**

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**Quality You Can Trust.**

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- ❑ Available in three sizes:
  - 15 sq. in., .83" dia. x 6" long
  - 28 sq. in., 1.5" dia. X 6" long
  - 33 sq. in., 1.75" dia. X 6" long
- ❑ Greater surface area than other standard electrodes allows greater accuracy readings.
- ❑ Electrode does not dry out in arid soils. Moisture content change in soil has no effect on electrode.
- ❑ Electrode has an infinite shelf life. Minimum service life is 30 years.
- ❑ Copper-copper and zinc-zinc sulfate electrodes are equipped with advanced chloride ion trap to prevent chloride contamination.
- ❑ All electrodes are side-reading.
- ❑ All electrodes are color-coded for electrode type determination.



### **GMC ELECTRICAL INC**

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## STAPERM™ Model CU-1-UGPC Copper-Copper Sulfate (Cu-CuSO<sub>4</sub>)



- **Size:** 1.5" dia. x 6" long, space-age ceramic tube with yellow protective caps.
- **Lead Wire:** 50' OF #14 RHH-RHW yellow. \*Add \$0.29/ft. for extra lead length
- **Stability:** +/- 5 millivolts with 3.0 microamp load.
- **Temperature Range:** 32°F to 135°F ( 0°C to 57.2°C).

## STAPERM™ Model Zn-4-UGPC Zinc-Zinc Sulfate (Zn-Zn SO<sub>4</sub>)



- **Size:** 1.5" dia. x 6" long, space-age ceramic tube with red protective caps.
- **Lead Wire:** 50' OF #14 RHH-RHW red or black. \*Add \$0.29/ft. for extra lead length
- **Stability:** +/- 5 millivolts with 3.0 microamp load.
- **Temperature Range:** 32°F to 135°F ( 0°C to 57.2°C).

## STAPERM™ Model AG-4-UGPC Silver-Silver Chloride (Ag-AgCl)



- **Size:** 1.5" dia. x 6" long, space-age ceramic tube with blue protective caps.
- **Lead Wire:** 50' OF #14 RHH-RHW blue or black. \*Add \$0.29/ft. for extra lead length
- **Stability:** +/- 5 millivolts with 3.0 microamp load.
- **Temperature Range:** 32°F to 135°F ( 0°C to 57.2°C).



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