

# Exploring Electrodes for High and Low Voltage Holiday Detectors Data Sheets

16" Silicone-Rubber Brush

Spring (FCE

Double Discs Available

Compax

Connector

#### **FEATURES**

- Full & Half Circle electrodes roll down pipe.
- · Square spring gives closer contact to coating
- Spring made of stainless steel
- Half circle springs have 190-degree arc
- Silicone-rubber is made of conductive material with very low resistivity
- Wire brushes made of brass wire bundles



- Internal Silicone-Rubber
- Silicone-Rubber
- Full and Half Circle Spring
- Wire Brush Electrodes
- Sponge Electrode (low voltage)
- Internal Sponge (pictured below)
- Custom Electrodes



- Full Circle Spring electrodes cut to pipe diameter. 2"
  - up to large diameters avail.
- Stainless steel and cadmium coated steel for corrosion resistance.
- Conductive silicone-rubber used in couplers, with high grade lubricant for years of use

## Applications:

- Full circle and half circle springs used with T&R high voltage holiday detectors, to inspect pipeline coatings in plant or field.
- Silicone-Rubber brush used to inspect welds tanks, or other conductive substrates
- Wire brush used on coatings with irregular surfaces or joints, fittings, etc.

### **Sponge Electrodes**

The Models M/1 and M1/AC low voltage holiday detectors use a cellulose sponge suitable for rapid wetting. Sponge should be damp but not dripping when used.

# HIGH VOLTAGE INTERNAL ELECTRODES

Electrode Kit includes:
Electrode disc (sized to pipe)
093-010 Adapter kit
005-036 Plug, cable conn.
440-type Cable (length = pipe length
+ 8')

009-006 Adapter, powerpak (required for AP/W)

Optional:

052-001 Roller assembly, single (10°+) 052-002 Roller assembly, double (16°+)

Lance Handle not included. Recommended to use 1/2" PVC

Double Discs available



EXTERNAL ELECTRODES

7° Sponge

Electrode

Half Circle

Spring (HCE)

6" Wire