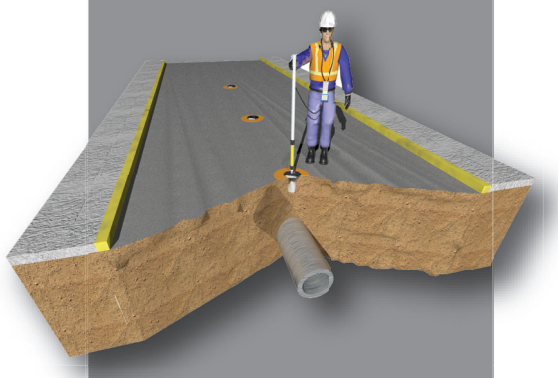
- Quick Installation
- No Maintenance

ConduPlug™

Easy and Economical

ConduPlug™ is a low resistivity media that has the compressive strength to withstand road traffic and harsh weather conditions. It allows repeat potential survey measurements over hard surface roads, parking lots, runways, sidewalks, and other hard surfaced areas. **ConduPlug™** is re-usable and provides a convenient borehole location for future readings.



- No need for traffic control and drilling year after year.
- Installation is easy and replaces asphalt and concrete fills.
- Allows for a permanent CIS reading location for your half cells.
- **ConduPlug™** is easily identified when future crews return to take readings and is a clear indication of reading positions.
- Guarantees repeat readings are taken in the same location for accurate comparison studies in your Pipeline Integrity Program.
- **ConduPlug™** location can become a GIS referenced point on a pipeline system. (It is important for ECDA processes to take repeat readings on the same locations and have them GIS linked to other data recorded under these hard-surfaced roads.

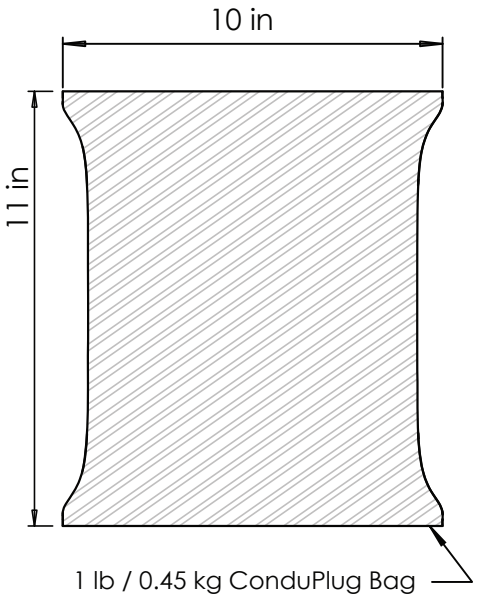
This allows future readings of pig runs and other technology to be applied directly to repeated surveys in these same locations which makes the end results of the CIS much more meaningful).

- **ConduPlug™** and the ability to do Interrupted CIS Survey is extremely important in areas where a pipeline is under a road or parking lot in an area that is now designated as a High Consequence Area (HCA) by company Pipeline Integrity and DOT procedures.

- The use of only ON potential urveys on water columns in drilled holes does away with the critical IR Drop value in the Pipe to Soil reading taken on buried structures.

Specifications

- Suggested dimensions of a **ConduPlug™** is 1" in diameter and 8" in length to the subsoil.
- **ConduPlug™** is packaged in 1-pound bags and 25 bags to a box.
- One bag may fill multiple holes depending on diameter and depth variations.
- **ConduPlug™** material has an established resistivity of 2.8 - 5.0 Ω·cm centimeters. This low resistance allows readings to be taken with higher precision than other methods.
- **ConduPlug™** has been tested in our field inspections, and by our customers in multiple installations.
- Client experience to date shows results that are very close to the normal procedure using an open hole with water and the half-cell placed in the hole.
- The compressive strength of **ConduPlug™** is 4000 psi and has been accepted by road maintenance engineers and city maintenance departments.



CONDUCRETE® NSF Certified to NSF/ANSI 60

Updated: 2/4/2021