



Limited Product Warranty

Drexan Energy Systems, Inc. (Drexan) warrants that PipeGuard™ (MultiTrace, PG-WARM, PGH) cable products will comply with Drexan's published specifications and will be free from manufacturer defects in material and workmanship for a period of 10 years from the date of invoice* from Drexan or its Authorized Distributors. Replacement product of equal or greater quality will be supplied provided the Drexan manufactured cable products are installed in accordance with published installation instructions.

All controls and monitoring devices are subject to a 2-year warranty against defects and workmanship.

Installations must be registered with Drexan Energy Systems Inc. for the warranty to be valid.

- All cables must record the insulation resistance readings prior to and after installation.

The following items are not covered by this warranty:

- Any incidental or consequential damage.
- Any failure that results from an accident, abuse, neglect, or failure to operate or install the product in accordance with the instructions provided in the installation manual.
- Costs of removal, freight, delivery and reinstallation of the PipeGuard cable
- Use of cables or components for purposes other than those they were expressly intended to perform.

This warranty may not be transferred and is exclusively for the sole benefit of the original purchaser. Do not use substitute parts or electrical tape for any component. Component approvals and performance characteristics are based on Drexan-specific parts only. Substitution will void warrantee, approvals and performance claims and may lead to product failure.

Toll Free: 1-800-663-6873

* All warranty claims must include a copy of dated original invoice or packing slip.

TESTING SELF-REGULATING CABLE

For PipeGuard CMH cable a test should be performed when the heating cable is received, prior to installation and after installation using a 500 VDC megger.

For Self-regulating cable a test should be performed when the heating cable is received, prior to installation and after installation using a 2500 VDC megger.

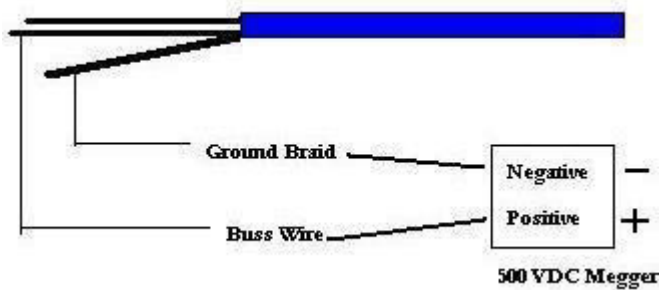
Note: Do not use a megger in excess of 2500 vdc.

Detecting cable damage prior to the application of insulation can prevent additional labor costs. Minimum readings of 20 Meg ohms for each circuit is an acceptable level to test for.

After thermal insulation is installed the Megohmmeter test should be repeated.

Minimum resistance should be 5 Megohms

Connect the positive lead to the bus wires and the negative lead to the ground braid.



A record should be kept of the reading after the cable has been installed. This reading can be used as a reference point when taking future readings during regular maintenance.

*Note: This record must be registered with Drexan Energy Systems Inc. for the 10 year limited warranty to apply.

A history of resistance readings can be useful in spotting moisture ingress into the cable from either junction boxes or physical damage to the cable.

See the following page for a “Test Report” template.



HEATING CABLE TESTING REPORT

Customer _____ Contractor _____

Phone No. _____ Phone No. _____

Site Location _____ Project Ref. _____

Readings Prior to Installation:

Cable Reference No. _____ Heater Length _____

Insulation Resistance (M Ohms) _____

Tested By _____ Date _____

Witnessed By _____ Date _____

Readings after Installation:

Insulation Resistance (M Ohms) _____

Tested By _____ Date _____

Witnessed By _____ Date _____

Final Readings:

Insulation Resistance (M Ohms) _____

Panel No. _____ Breaker No. _____

Ambient Temp _____ Volts _____ Amps _____

Tested By _____ Date _____

Witnessed By _____ Date _____