

BADGERCORD®

American Carbon Company worked over the course of several years to develop a superior zinc ribbon anode for the marketplace. This development included the expertise of the Material Sciences Department at the University of Wisconsin – Madison as well as independent confirmation testing. BADGERCORD® zinc ribbon is especially useful in cold weather applications when cold brittle failures are often common from the competition. Click below to learn more about BADGERCORD.

APPLICATIONS:

BADGERCORD Zinc Ribbon has been extensively used on numerous different types of projects, from cathodic protection in pipeline installations to above ground storage tank ground mats and AC mitigation. The versatility of BADGERCORD makes it a great solution for your upcoming cathodic protection projects. In pipeline applications, BADGERCORD is a great solution to combat holidays in well coated pipes. Properly placed and connected BADGERCORD adds peace of mind to systems where coating holidays are inevitable.

Some of our customers prefer to sell BADGERCORD in factory assembled configurations to be placed below above ground storage tanks. This application is an excellent way to eliminate field work susceptible to errors as well as ensuring even current distribution.

Currently the most common application of BADGERCORD is AC mitigation. With right of way space becoming limited and easements more difficult to obtain, energy companies are more often sharing easement corridors with utility companies. Electrical interference is causes problems both to utilities as well as posing danger to personnel working near the pipeline and powerline. When installed as a part of an engineered system, BADGERCORD zinc ribbon can help prevent all three types of AC interference including inductive coupling, resistive coupling and even capacitive coupling during pipeline installations.



In order to develop a Zinc Ribbon that is usable in all climates, American Carbon had to drastically change the rules on how the ribbon was made. To first create the ribbon it is extruded, from there it undergoes a number of additional highly controlled and monitored steps to ensure the ribbon can be installed in every installation environment. During the manufacturing process, the thermal history of the zinc is highly regulated and documented to ensure compliance. This is one of the requirements to ensure BADGERCORD is pliable and elastic in all installation environments. With so many reasons for project delays, late starts, and unforeseen conditions the air temperature at installation does not need to be a concern when working with BADGERCORD Zinc Ribbon.

This process has taken years to develop and is largely the reason why BADGERCORD Zinc Ribbon is one of the best performing ribbon anodes available today.

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