

## **Product Data Sheet**

Product Name: Magnesium Anode Bag

Part/Article #: 32002



**Product Description:** Our <u>Magnesium Anode Bags</u> are designed to provide cathodic protection for a variety of assets. Constructed with high-purity magnesium, they offer superior protection to help extend the life of assets like propane tanks, underground piping, buried steel assets, docks, and piers.

- Made from high-purity magnesium: Offers maximum potential and longevity.
- Backfill: Our anode bags come with a pre-packed backfill that ensures the anode performs optimally and consistently.
- **Versatile:** Suitable for various applications such as propane tanks, underground piping, buried steel assets, docks, and piers.
- **Easy installation:** Our anode bags are designed for easy installation to provide effective cathodic protection swiftly.

## **Specifications:**

• Material: Magnesium Anode

• Cable connector: 8 Gauge/10mm2 red xlpe/pvc, 32 ft/10m

Usage: Cathodic protection system

Shape: Cylindrical or Rectangular

• Size: Net weight: 7.7KG / 17lb, Gross weight: 20KG / 45lb

- Application: Used in various environments including soil, fresh water, and seawater. Widely applied in anti-corrosion fields like gas pipelines, oil pipelines, water supply pipes, and drainpipes in urban infrastructure.
- Backfill Composition: Backfill materials consist of 75% hydrated gypsum, 20% bentonite, and 5% sodium sulphate.
- Alloy & casting standard: Cast to meet ASTM B843, Alloy M1C. Tested in accordance with ASTM-G97 procedures.

## **Potential Usage Areas:**

- **Propane Tanks:** Our anode bags are suitable for propane tanks, offering a costeffective solution to prevent corrosion.
- Underground Piping: Protect your underground piping from corrosion. Our anode bags can be easily installed and provide effective cathodic protection.
- Buried Steel Assets: Our anode bags are designed to prevent corrosion of buried steel assets, helping extend their life.
- Docks and Piers: With exposure to water, docks and piers are prone to corrosion.
  Our anode bags offer a solution to protect these structures from corrosion.
- Fire Posts: Protect your fire posts from destructive corrosion with our anode bags.
  Thanks to their superior anti-corrosion properties, they help maintain the integrity and functionality of these crucial safety installations, thus ensuring long-lasting service.
- Ground Screws: Safeguard your foundational structures such as ground screws from detrimental corrosion. Our anode bags provide a secure protective layer, reducing maintenance costs and extending the durability of your ground screws.

## Order information:

- Email: support@anodefactory.com
- Online: www.anodefactory.com