

INTRODUCTION

This Magnetic Pipeline Spotter is an innovative and reliable solution for accurately locating and marking buried pipelines. This versatile device is designed to work with pipelines ranging from 4" to 40" in diameter, making it suitable for a wide variety of applications in the oil, gas, and utility industries.

The Magnetic Pipeline Spotter offers an indeterminate lifecycle and complies with IATA regulations for air transport, making it a long-lasting and easily transportable solution for pipeline management and maintenance.



CHARACTERISTICS:

Key features of the Magnetic Pipeline Spotter include:

- Operational temperature range of 0 – 80° C
- Minimum dig diameter of 254 mm (10") for buried pipelines
- Maximum pipe wall thickness of 19 mm (0.75")
- Dual high-strength magnets for enhanced detection
- Compact dimensions of 138 mm (L) x 52 mm (W) x 30 mm (H)
- Lightweight design at only 0.7 kg (1.54 lb)

This durable marker is engineered to be attached directly to the pipe wall, on top of external coatings up to 5 mm thick. Its magnetization direction is clearly indicated by an arrow on top, ensuring proper alignment with the pipeline receiver trap. For optimal performance, it is recommended to install markers at well-defined intervals of 1-2 km along the pipeline.

Operational Data	
Work Temperature	0 – 80° C
Minimum Dig Diameter (buried pipelines)	254 mm (10")
Maximum Distance from Pipe	Should be attached to pipe wall, on top of the external coating, maximum thickness of 5 mm (0.2").
Maximum Pipe Wall	19 mm (0,75")
Positioning of Installation	Install at well-defined distance close to existing marker posts of the pipeline. The exact position of the Magnet to the reference post must be noted.
Magnetization Direction	Arrow on top of the Magnet should be pointed to pipeline receiver trap.
Maximum Distance between Markers (recommended)	1 - 2 km (0,6 – 1,2 mi)

General Data.	
Magnet Quantity	2
Magnet Weight	0,128 kg (0.578 lb)
Magnet Dimensions (mm)	40 (L) x 20 (W) x 10 (H)
Marker Dimensions (mm)	138 (L) x 52 (W) x 30 (H)
Net Weight	0.7 – 0.8 Kg
Life Cycle	Indetermined.

TRANSPORTATION AND REGULATIONS:

Measurement value logging according to IATA regulation 953.

- Classified as magnetic material - UN2807
- Approved for air transport (no limited value)

WARRANTY AND LIMITATION OF LIABILITY

TECNOLOGIA TOTAL will not be in any case responsible for damages of any nature that could be derived from an inadequate use of the product. Before using the product, the user must determine if the product is suitable for its intended use, taking all risks and liability that could be derived from its use.

If it's proved that a product is faulty due to manufacturing or its material at the time of sale, or that it does not fulfill during its warranty period the indicated properties in this technical sheet, the only responsibility of TECNOLOGIA TOTAL will consist of replacing the buyer with the quantity of product that is found to be defective. TECNOLOGIA TOTAL does not take any responsibility for any additional cost such as manufacturing cost, withdrawal or re-application of the products. If TECNOLOGIA TOTAL offers a warranty to their clients, express or implicit, or a compensation that differs from the established in this section, this stipulation cannot be altered unless a signed agreement by the parties.

