

OVERPIPE® Protection Plates

Protection plates for underground pipeline networks

Designed to protect underground utilities from third-party damage and offer a reliable, economic and environmentally friendly alternative to concrete slabs or steel plates. The plates are strong enough to withstand the impact from a 32 ton excavator and are reusable. Lightweight and easy to install, OVERPIPE® plates can be easily removed to allow inspections or repairs.

The OVERPIPE® plates are made of injection molded HDPE with the following features:

- Perforated surface (less than 1% of total surface) to allow for the flow of water. These perforations come from the molding process. Holes from manual drilling will weaken the plate.
- Does not disrupt cathodic protection currents or interfere with pipeline locating equipment.
- Beveled edges and non-slip pins on both sides to facilitate handling and avoid slip and fall accidents.
- Full body yellow color provides an effective warning signal to prevent third-party damage. Different colors are available depending on the nature of the network.
- Fully customizable embossed warning message, available upon request.

OVERPIPE® plates come in various dimensions to fit with the pipe diameter and to provide extra width on the sides. The plates are assembled by superposition (4inch overlap) or by juxtaposition and are linked by HDPE clips or connectors to prevent the plates from moving during the backfill process.



Applications



Oil and Gas Pipelines



Water Pipelines



District Heating



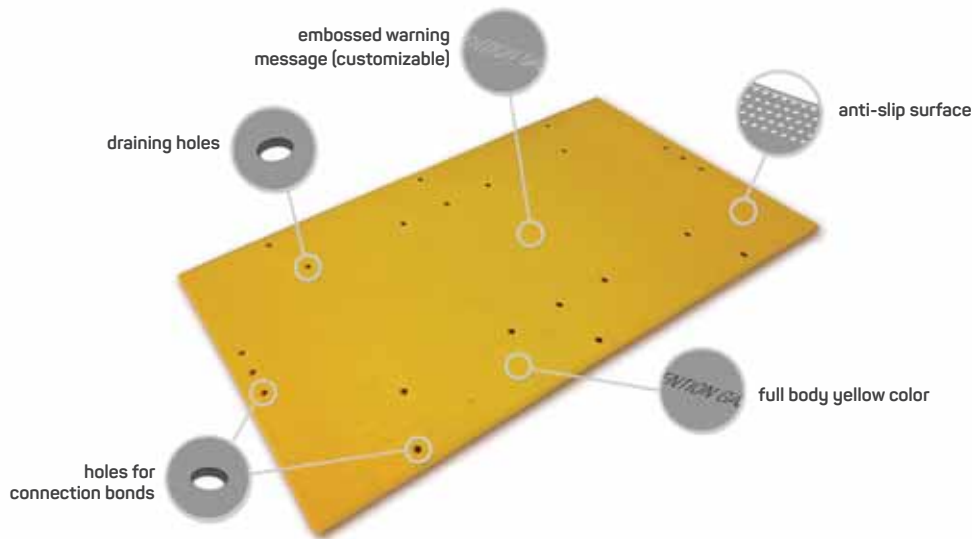
Electrical Cable



Fiber Optic Cable

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Descriptive Characteristics

Raw Material	HDPE
Technology	Injection Molded
Plate Thickness	15 mm / .59"
Elongation at break	A% ≥ 300%
Modulus of longitudinal elasticity	E ≥ 800MPa

References	Dimensions (inches)	Weight (lb.)	Connectors
OV1	49.2" x 70.9" x .6"	68	<p>removable cap</p> <p>removable clip screwed</p>
OV2	55.1" x 70.9" x .6"	79	
OV3	59" x 70.9" x .6"	82	
OV4	63" x 70.9" x .6"	86	
OV5	22.4" x 59" x .6"	26.5	<p>HDPE bond</p>
OV6	32.2" x 59" x .6"	37.5	
OV7	19.7" x 59" x .6"	23	

Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative or distributor for specific projects or unique applications.

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Shawcor represents the Overpipe® product in the North American market



Quality Management system registered to ISO 9001

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

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