



# OVERPIPE® PROTECTION PLATES

Protection plates for underground electrical networks

APPROVED BY



## » APPLICATION

The OVERPIPE plates are especially designed to protect buried electrical networks (or fiber) against third party damages and offer a reliable, economic and environmental friendly alternative to concrete slabs or metal plates.

Models for electrical networks are smaller than the plates developed in collaboration with the Research and Development Department of ENGIE for the protection of gas transmission lines, but have the same specifications.

They are an efficient barrier against third party interference and also a very efficient warning signal.

They are validated by the French national transmission Company RTE as an approved mechanical protection. Lightweight (10 to 17 kg depending on the model), they are particularly easy to install.

Installation of mechanical protection is compulsory in France for certain sections of buried electrical networks.

## » DESCRIPTION

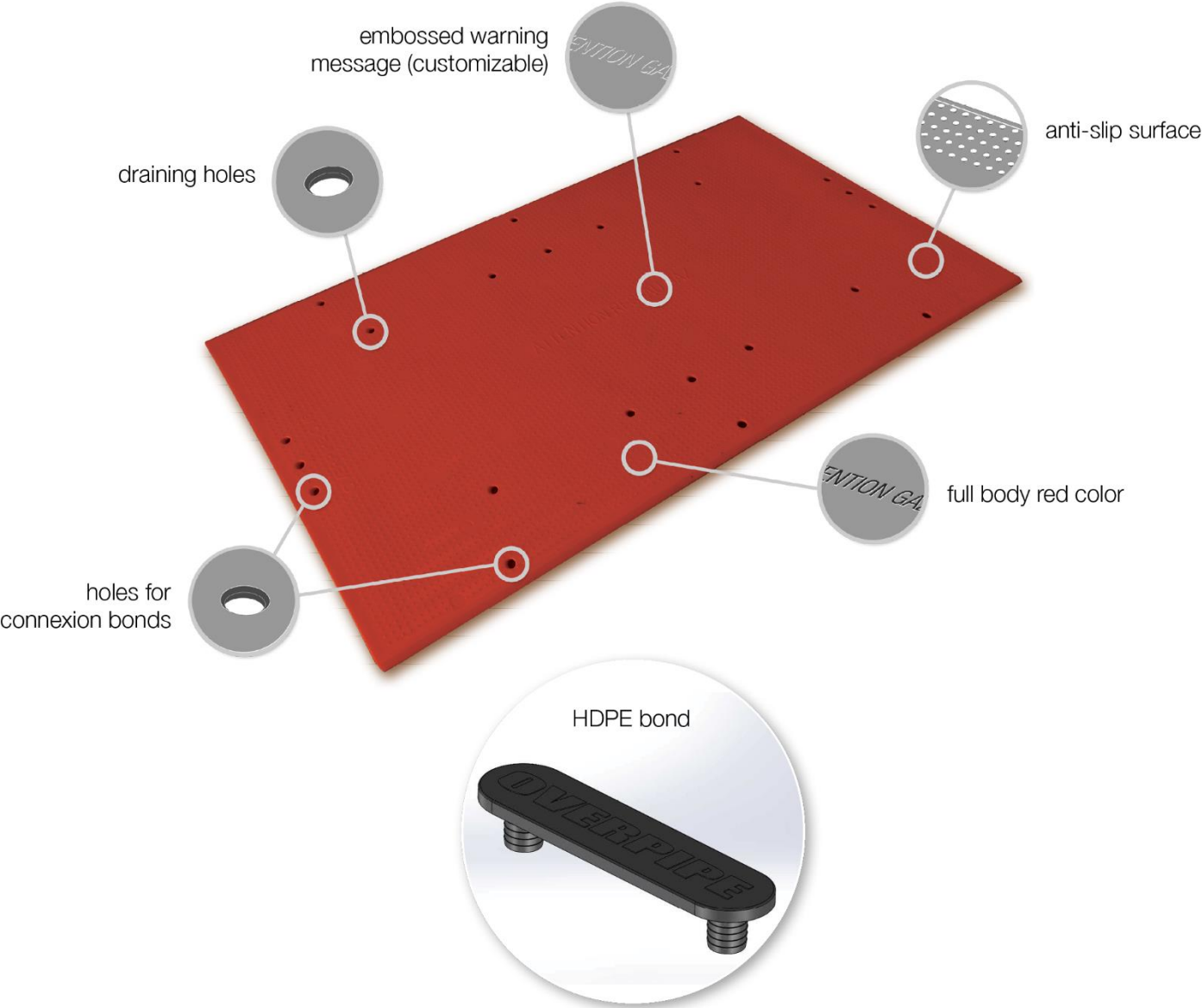
The OVERPIPE plates are made of injected HDPE and are also proposed in PE-RT (polyethylene raised temperature) if there are special requirements for a high resistance to permanent heat release. They have dedicated features as :

- Holes all over the surface (but less than 1% of the total surface) to allow the flow of water to go through. The holes come from molding and not by later drilling which would weaken the plate.
- Beveled edges and non-slip surface on both sides to facilitate handling and avoid slip and fall accidents.
- Full body red color (UV resistant) as an effective warning signal (different colors possible depending on the nature of the networks).
- Fully customizable embossed warning message.

The OVERPIPE plates come in three dimensions to fit with all needs. The plates are assembled by juxtaposition and are linked by HDPE bonds. They can also be linked by their long side for an installation side by side.

# OVERPIPE® PROTECTION PLATES

Protection plates for underground electrical networks



## » DESCRIPTIVE CHARACTERISTICS

Raw material	HDPE or PE-RT
Technology	Injection

References	Dimensions (mm)	Bonding	Colour	Weight (kg)	Embossed marking
OV5	1500 x 570 x 15	End to end or side by side	On demand	12	Customizable
OV6	1500 x 820 x 15			17	
OV7	1500 x 500 x 15			10.50	

COMPANY CERTIFIED BY







# OVERPIPE® PROTECTION PLATES

Protection plates for underground transmission networks



APPROVED BY



## » APPLICATION

The OVERPIPE plates are especially designed to protect buried pipelines against third party damages and offer a reliable, economic and environmental friendly alternative to concrete slabs.

They were developed in collaboration with the Research and Development Department of ENGIE. They resist the assault of a 32-ton shovel and will therefore prevent the pipeline from any encroachment. They are also a very efficient warning signal.

They are validated by the French governmental regulatory (GESIP) as a mechanical protection offering a risk reduction factor of 0.01.

Lightweight (30 to 40 kg depending on the model), they are particularly easy to install and can be easily removed to allow inspection or repair of the pipeline.

## » DESCRIPTION

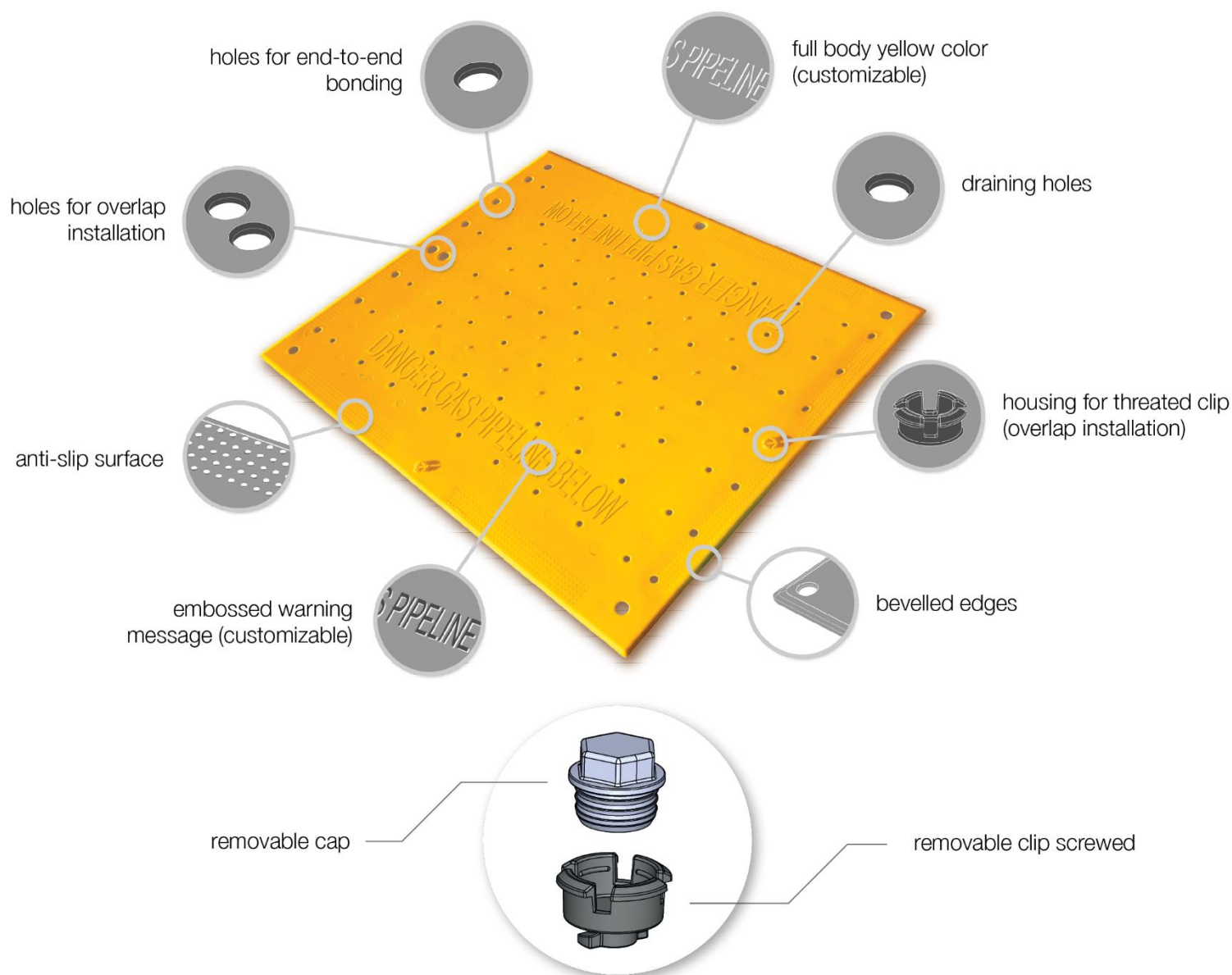
The OVERPIPE plates are made of injected HDPE. They have dedicated features as :

- Holes all over the surface (but less than 1% of the total surface) to allow the flow of water to go through and not disrupt the measurement of the cathodic protection. The holes come from molding and not by later drilling which would weaken the plate.
- Beveled edges and non-slip pins on both sides to facilitate handling and avoid slip and fall accidents.
- Full body yellow color (UV resistant) as an effective warning signal (different colors possible depending on the nature of the networks).
- Fully customizable embossed warning message.

The OVERPIPE plates come in various dimensions to fit with the pipe diameter and to grant an extra width on the sides. The plates are assembled by superposition (10 cm overlap) or by juxtaposition and are linked by HDPE clips and caps.

# OVERPIPE® PROTECTION PLATES

Protection plates for underground transmission networks



## » DESCRIPTIVE CHARACTERISTICS

Raw material	HDPE
Technology	Injection

References	Dimensions (mm)	Bonding	Colour	Weight (kg)	Embossed marking
OV1BIS	1250 x 1800 x 15	Overlap or End to end bond	On demand	33	Customizable
OV2	1400 x 1800 x 15			36	
OV3	1500 x 1800 x 15			39	
OV4	1600 x 1800 x 15			41	
OV4	1800 x 1600 x 15			41	

COMPANY CERTIFIED BY



OVERPIPE®

Chemin du Sarret  
13590 Meyreuil  
France

Tél. : 04 42 26 26 10  
contact@overpipe.com  
www.overpipe.com





# OVERPIPE® PROTECTION PLATES

Protection plates for underground gas distribution networks



## » APPLICATION

The OVERPIPE plates are especially designed to protect buried pipelines against third party damages and offer a reliable, economic and environmental friendly alternative to concrete slabs or metal plates. Obviously, they offer a dramatically higher protection than plastic tiles sometimes used.

Models for distribution are smaller than the plates developed in collaboration with the Research and Development Department of ENGIE for the protection of transmission lines but have the same specifications. They are an efficient barrier against third party interference and also a very efficient warning signal.

They are validated by the French governmental regulatory (GESIP) as a mechanical protection offering a risk reduction factor of 0.01.

Lightweight (10 to 17 kg depending on the model), they are particularly easy to install. Installation of mechanical protection is compulsory in France for certain types of gas distribution networks ("MPC")

## » DESCRIPTION

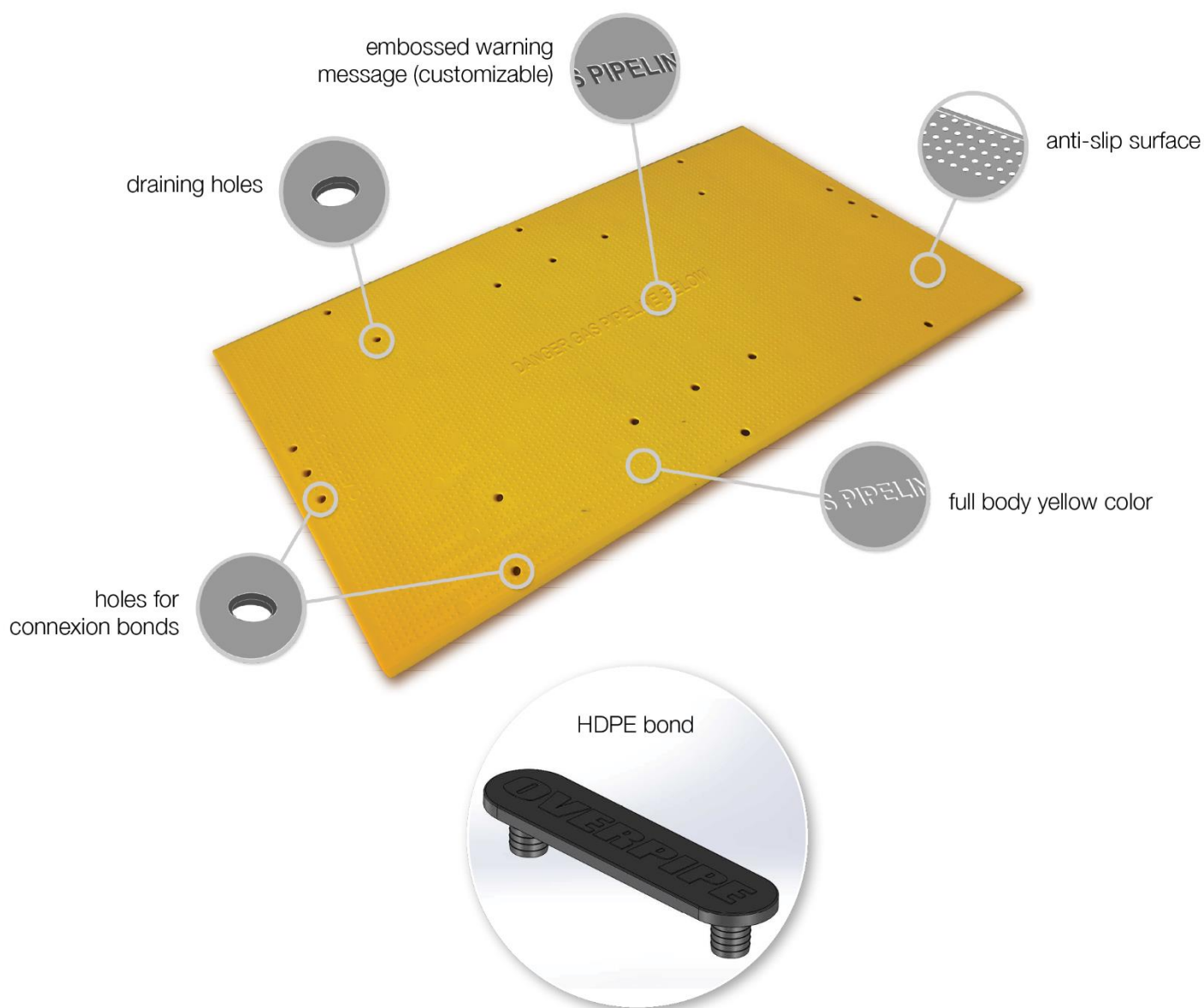
The OVERPIPE plates are made of injected HDPE. They have dedicated features as :

- Holes all over the surface (but less than 1% of the total surface) to allow the flow of water to go through. The holes come from molding and not by later drilling which would weaken the plate.
- Beveled edges on long sides and non-slip surface on both sides to facilitate handling and avoid slip and fall accidents.
- Full body yellow color (UV resistant) as an effective warning signal (different colors possible depending on the nature of the networks).
- Fully customizable embossed warning message.

The OVERPIPE plates come in three dimensions to fit with the pipe diameter. The plates are assembled by juxtaposition and are linked by HDPE bonds. They can also be linked by their long side for an installation side by side.

# OVERPIPE® PROTECTION PLATES

Protection plates for underground gas distribution networks



## » DESCRIPTIVE CHARACTERISTICS

Raw material	HDPE
Technology	Injection

References	Dimensions (mm)	Bonding	Colour	Weight (kg)	Embossed marking
OV5	1500 x 570 x 15	End to end or side by side	On demand	12	Customizable
OV6	1500 x 820 x 15			17	
OV7	1500 x 500 x 15			10.50	

COMPANY CERTIFIED BY



OVERPIPE®

Chemin du Sarret  
13590 Meyreuil  
France

Tél. : 04 42 26 26 10  
contact@overpipe.com  
www.overpipe.com