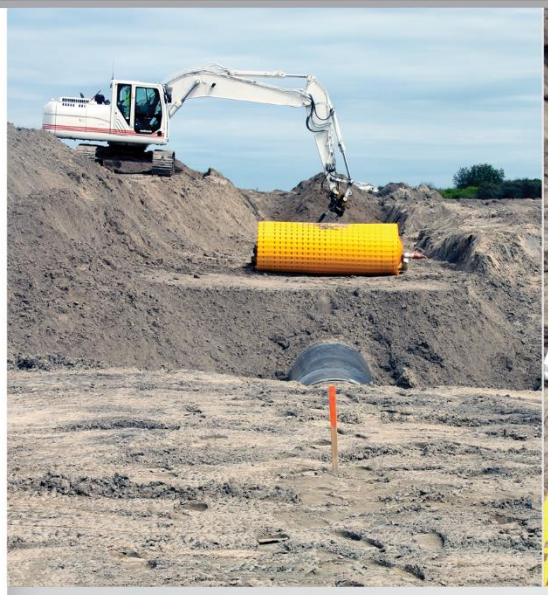
OVERPIPE© GHRM MESH

High mechanical resistance mesh for buried networks

APPROVED BY



» APPLICATION

The OVERPIPE GHRM mesh was designed at the request of ENGIE to protect buried transmission pipelines in specific sections of new projects.

It has a double purpose, as a warning mesh (color on demand) and as a very efficient barrier against the interference of an excavator: it resists a 18 tons shovel excavator assault.

It is validated by the French governmental regulatory (GESIP) as a mechanical protection offering a risk reduction coefficient of 0.05 to 0.025.

» DESCRIPTION

The OVERPIPE GHRM mesh is made of high tenacity polyester yarns, using the warp-knitting technology that ensures immediate tension of the reinforcing yarns. The mesh is covered with a yellow acrylic coating environmentally friendly (colors customizable).

The OVERPIPE GHRM mesh complies with the requirements of CE certification for geosynthetic materials for the function of strengthening various levelling sites. Reinforced strips on both edges grant a very high resistance to side assaults. A customizable printed message increases the warning efficiency.

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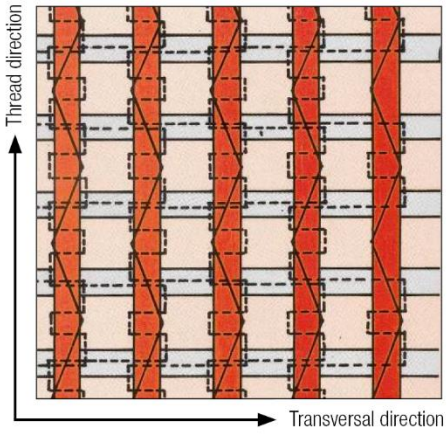
» TECHNOLOGY

The warp knitting technology allows to get an immediate tension capacity on the warp and weft high tenacity yarns.



» DESCRIPTIVE CHARACTERISTICS

Raw material	High tenacity multifilament polyester yarn
Connection reinforcement	Specific reinforcement of the connection between weft and warp cables
Coating	Stiffening acrylic coating in aqueous phase
Color	Yellow or others on demand
Marking	Fully customizable warning message. Letters 80mm

» OTHER CHARACTERISTICS

Dedicated geometry	Specific reinforced strips on edges (width 16 cm)
Opening rate	20%
Width	On demand
Length	80-150m rolls depending on width

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