



## GEODRAIN rigid structured - wall drainage pipe SN4



- Structured wall drainage pipes, profiled (corrugated) externally, and smooth internally, classified R2 (according to the German standard DIN 4262-1)
- Produced from hard, durable and high density polyethylene (HDPE) raw material
- 220°/240° perimetrical and symmetrical perforation alongside drainage pipes from special mechanical equipment
- GEODRAIN walls have specific geometry which facilitate the achievement of high ring stiffness of 4kN/m<sup>2</sup> (**SN4** according to standard EN ISO 9969)
- GEODRAIN external profiled surface (corrugated) facilitates its laid on the trench whereas its internal smooth surface provides the optimum water flow speed
- Black (RAL 9004) outside and green (RAL 6038) inside.
- Easy inspection and control thanks to the bright green internal color (RAL 6038)
- Resistant to UV radiators due to special ageing stabilizers
- Easy loading, transportation, storing and handling due to reduced weight
- Available in dimensions from OD110 to OD1200.
- The printed/engraved side is used as a guide for the correct installation of GEODRAIN drainage pipes in order the perforated area to be located in the upper part of the pipes.
- Each packaging edge (6m bar) is fitted with a connencion coupler.



|                                |   |
|--------------------------------|---|
| <b>Product Category</b>        | Type R2 (DIN 4262-1)  |
| <b>Ring Stiffness</b>          | SN 4 KN/m <sup>2</sup> (EN ISO 9969)  |
| <b>Degrees of perforation</b>  | 220o/240o - LP (Locally Perforated)   |
| <b>Perforation slot number</b> | 5   |
| <b>Material</b>                | HDPE (High Density Polyethylene)  |
| <b>Material Specifications</b> | Halogen and heavy metals free (RoHS)  |
| <b>Color</b>                   | Black RAL 9004 (external), green RAL 6038 (internal)  |
| <b>Resistance to age</b>       | Resistance to UV radiation  |
| <b>Chemical Resistance</b>     | High density polyethylene (HDPE) resistant to chemicals   |
| <b>European Directives</b>     | RoHS Directive, REACH Regulation  |
| <b>Applied Standards</b>       | DIN 4262-1  |
| <b>Approval marks</b>          |   |

• >> **SPECIFICATIONS**

| Part Type | Type   | External diameter (A) | Minimum Internal diameter (A) | PACKING (m/bundle) | Color |
|-----------|--------|-----------------------|-------------------------------|--------------------|-------|
| 1613110   | OD110  | 110                   | 91#                           | 6                  |       |
| 1613160   | OD160  | 160                   | 134#                          | 6                  |       |
| 1613200   | OD200  | 200                   | 169#                          | 6                  |       |
| 6290250   | OD250  | 250                   | 218#                          | 6                  |       |
| 6290315   | OD315  | 315                   | 272#                          | 6                  |       |
| 6290400   | OD400  | 400                   | 347#                          | 6                  |       |
| 6290500   | OD500  | 500                   | 433#                          | 6                  |       |
| 6290630   | OD630  | 630                   | 535#                          | 6                  |       |
| 6290800   | OD800  | 800                   | 678#                          | 6                  |       |
| 6291000   | OD1000 | 1000                  | 852#                          | 6                  |       |
| 6291200   | OD1200 | 1200                  | 1030#                         | 6                  |       |

Μερική διάτρηση  
(locally perforated)

$$\beta=60^{\circ} \mid \gamma=220^{\circ}$$

