



### Black Green cable duct 450N

#### Description

Double wall corrugated pipe made of polyethylene, made through continuous coextrusion of the two walls. Green colour on the outside and black colour on the inside. Packaged in coils of 25 or 50 m or in bars of 6 m, provided with connection sleeve and prefilled wire for the pulling with string (only for coils).

The pipe for cable protection needs to satisfy the EN 61386-1 and EN 61386-24 standards, certified by the IMQ accredited institution, CE marked with classification of impact resistance N series and crush resistance greater than 450 N.

The pipe will be produced by a company regularly enrolled at the Polieco Consortium D.Lgs. (152/2006 - art. 234) and with the following management systems:

- Quality, in accordance with UNI EN ISO 9001;
  - Environment, in accordance with UNI EN ISO 14001;
- certified and validated by an accredited third-party institution. The manufacturer applies a code of ethics and an organizational, management and control model in accordance with Legislative Decree 231/01 and can provide information on its economic, environmental and social (ESG) impacts as reported by a Sustainability Report in accordance with GRI Standards 2021 certified by an accredited third party.



The image is for illustrative purposes only

#### Characteristics of the raw material in granules

Medium Density	g/cm <sup>3</sup>	≥ 0,93	EN ISO 1183-1
Melt flow Index (190°C: 5 Kg)	g/10 min	≤ 1,6	EN ISO 1133
Elastic modulus	MPa	≥ 800	ISO 527
Poisson's ratio	-	0.45	-

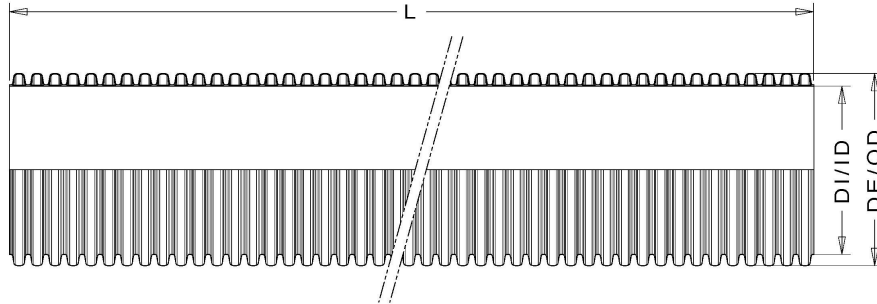
#### Characteristic of the pipe

Crush resistance	N	> 450	EN 61386-1:2008 ed EN 61386-24:2010
Radius of curvature	min	15*DE	-
Limits of use	°C	-20 / +60	-





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### Dimensions

DE/OD [mm]	DI/ID [mm]	L* [m]
40	31	50
50	40	50
63	50	50
75	60	50
90	73	50
110	92	50
125	105	50
160	137	50
200	171	25

\* The values indicated refer to the production standard with tolerances equal to 3%. On request in 3/6 m bars for diameters from DE110 to DE200

### Marking

ITALCOR TP Ø DATA ORA EN 61386-1-24 N 450 UV

