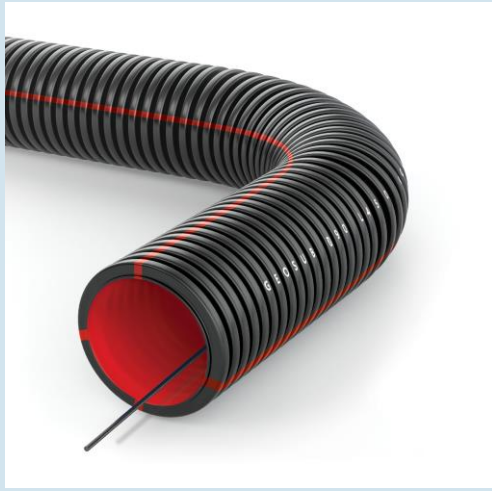


Product Data Sheet

Date of issue 01.03.2022

**Issuer's name and address**

EMM. KOUVIDIS S.A.
Manufacture of plastic piping systems
715 00, VIO.PA Tylissos, Heraklion, Crete,
Greece

Product type

Double structured wall HDPE pliable conduit, for cable management and protection in buried underground and outdoor installations, with mechanical resistance L450, according to EN 61386-24 European Standard

Product Name

GEOSUB IAS L450
Plastic pipes for cable protection

Product Properties

Raw material	High Density Polyethylene (HDPE)
Color	Black RAL 9004 (outer layer), Red RAL 3020 (inner layer) Longitudinal thin stripes of indelible red color (RAL 3020) indicate the power of the protected cables (NF-P 98-332)
Nominal outer diameter (DN/OD)	Ø (mm): 32, 40, 50, 63, 75, 90, 110, 125, 160, 200
Nominal inner diameter (DN/ID)	Ø (mm): 24.0, 30.0, 37.0, 47, 61.5, 76.3, 92.7, 106.1, 138.4, 171.1
Resistance to compression	≥ 450N (Type 450)
Resistance to impact	Light type «L»
IP ingress protection	IP40 (coupler connected) IP68 (coupler bonded with KOUVIDIS sealant)
Resistance to flame propagating	Flame propagating
Halogen free	Yes
Ageing resistance	UV stabilized (5 years)
Temperature resistance	-5°C/+90°C
Assembled with	HDPE connection couplers with hooks, end caps
Internal guide	Cable guide with minimum tensile strength 650Nt
European legislation	2014/35/EU (LVD), 2015/863/EU amending Annex II to 2011/65/EU Directive (RoHS)
European Standard	EN 61386-24
Rodent repellent	Yes
Antistatic Technology	Yes
Packaging	50m coils (Ø): 32, 40, 50, 63, 75, 90, 110, 125 25m coils (Ø): 160, 200 (Each package contains 2 end caps)
Part numbers	Red lines: 2006XXX Green lines: 2020XXX where XXX: 032, 040, 050, 063, 075, 090, 110, 125, 160, 200