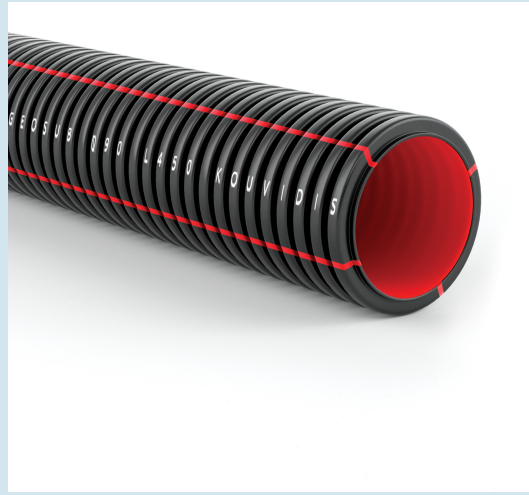


Product Data Sheet

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Issuer's name and address

EMM. KOUVIDIS S.A.
 Manufacture of plastic piping systems
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 Greece

Product Type

Double structured wall HDPE rigid conduit, for cable management and protection in buried underground 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): 75, 90, 110, 125, 160, 200, 250
Nominal inner diameter (DN/ID)	Ø (mm): 61.0, 75.8, 92.0, 105.5, 137.5, 169.3, 212.0
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
European legislation	2014/35/EE (LVD), 2011/65/EE (RoHS)
European Standard	EN 61386-24
Antistatic Technology	Yes
Rodent repellent	Yes
Low friction (internal layer)	Special material (slip) speeds up the routing of cables
Packaging	6m bars (Each package contains one connection coupler)
Part numbers	Red lines: 1006XXX Green lines: 1009XXX where XXX: 075, 090, 110, 125, 160, 200, 250