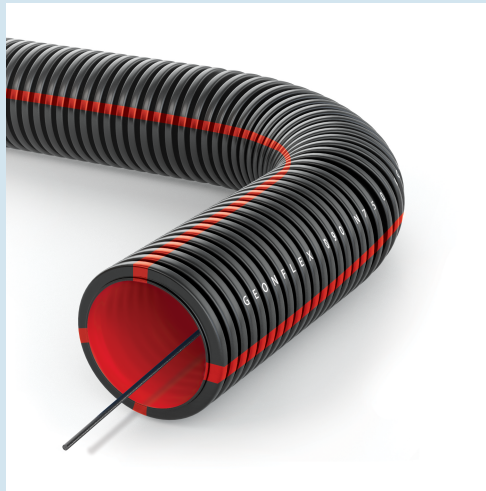


## Product Data Sheet

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 installations, with mechanical resistance N750, according to EN 61386-24 European Standard

Product Name

**GEONFLEX IAS N750**

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 broad 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, 47.0, 60.8, 74.9, 92.5, 105.3, 137.1, 169.1
Resistance to compression	≥ 750N (Type 750)
Resistance to impact	<b>Normal type «N»</b>
IP ingress protection	IP44 (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
Low friction (internal layer)	Special material (slip) speeds up the routing of cables
Packaging	50m coils (Ø) : 32, 40, 50, 63, 75, 90, 110, 125 25m coils (Ø) : 40, 50, 63, 75, 90, 110, 125, 160, 200 (Each packaging contains two end caps)
Part numbers	Red lines: 2007XXX (25m) , 2008XXX (50m) Green lines: 2018XXX (25m), 2019XXX (50m) where XXX: 032, 040, 050, 063, 075, 090, 110, 125, 160, 200