

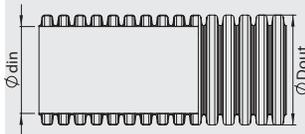


Normal type



RAL 3020
INNER

RAL 9004
OUTER



Application Standard
EN 61386-24

Reference Standard
NF P 98-332

Assembled with
Connection coupler with hooks
End cap with hooks

Patents protected
1009810, EP2698792, 1009158,
1010513

Red color coding protection of cables in electrical installations

Green color coding protection of cables in communication systems

In 50m coil packaging an internal safety strap is placed on the 25th meter to keep the initial shape of the coil unchanged when its external straps are snapped off. GEONFLEX conduits come with a cable guide and two protective caps at each conduit's end.



Buried underground Plastic conduit systems (N750)

GEONFLEX® ISR Pliable corrugated conduit / in coils

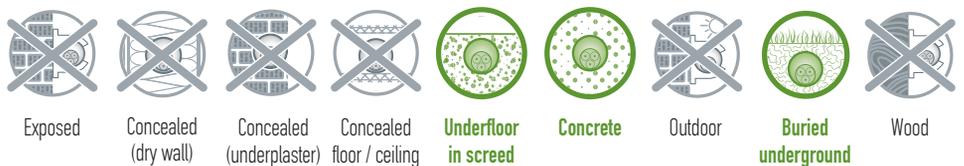
Properties

Resistance to compression	750Nt (type 750)
Resistance to impact	Normal
Lower temperature range	-5°C
Upper temperature range	+90°C
Resistance to bending	Pliable
Electrical characteristics	With electrical insulated characteristics
IP ingress protection	IP44 (coupler connected) IP 68 (coupler bonded with KOUVIDIS sealant)
Resistance to flame propagating	Flame propagating

Additional properties

Raw material	Halogen free, heavy metals free (RoHS) and specially stabilized thermoplastic HDPE
Ageing resistance	UV stabilized
Low friction (internal layer)	Special material (Ultra slip) speeds up the routing of cables
Rodent repellent	Not attractive to rodents (the internal layer incorporates animal repellent)
Internal guide	Cable guide with minimum tensile strength 650Nt
Color marking	Longitudinal stripes of HIGH thickness and indelible color indicate the power of the protected cables
Antistatic Technology	Protection against static electricity
Antiscratch Technology	Protection against scratching from cable routing
Marking	Marked using embossed printing

Application fields



Type	Part number 25m / 50m	\varnothing_{out} mm	\varnothing_{in} mm	m	kg	13.6m m
Ø32	- / 2043032	32.0	24.8	- / 50m	-/5.30	-/40000
Ø40	2042040/2043040	40.0	31.0	25m/50m	4,00/7,80	26250/31500
Ø50	2042050/2043050	50.0	40.0	25m/50m	5,20/10,20	16250/21000
Ø63	2042063/2043063	63.0	49.8	25m/50m	7,00/14,50	11500/14000
Ø75	2042075/2043075	75.0	60.6	25m/50m	9,50/18,80	6250/7750
Ø90	2042090/2043090	90.0	75.3	25m/50m	14,60/29,10	3750/5500
Ø110	2042110/2043110	110.0	92.7	25m/50m	17,00/34,50	3000/4000
Ø125	2042125/2043125	125.0	105.0	25m/50m	21,50/44,50	3125/3500
Ø160	2042160 /-	160.0	136.5	25m / -	37,00 / -	1900 /-
Ø200	2042200 /-	200.0	171.1	25m / -	40,00 / -	1225 /-