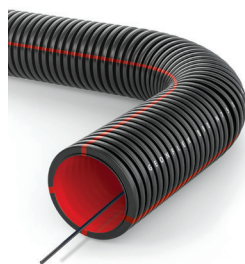


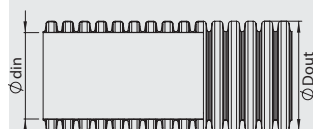


Normal type



RAL 3020
INNER

RAL 9004
OUTER



Application Standard

EN 50626-1
(replaces 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

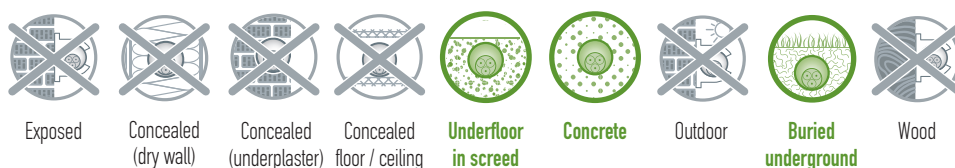
Properties

| | |
|---------------------------------|--|
| 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 /- |