



### Description

Metal flexible conduit with a PG protection system steel strip and PVC outer sheath. Sealed and self-extinguishing, with an IP65 protection rating. Recommended for the mechanical protection of electrical conductors. The Ecoflex® flexible conduit is installed with RM, RGM, RMH, and RMM fittings for connection to equipment or boxes. Available in various diameters in grey (RAL 7031).

### Advantages

CE conformity to the 2014/35 directive and the EN IEC 61386 standard.

Self-extinguishing flame retardant PVC outer sheath.

Manufactured in PG protection system, to EN 10142. Grade 3 corrosion resistance, according to IEC 61386. Medium indoor and outdoor protection.

Compression resistance grade 3, 750 N. Grade 4 impact, 6 Joules.

Working temperature: -5°C to + 60°C. Degree of protection IP65 according to classification EN60529.

### Applications

Suitable for the protection of wiring and conductors in general applications, building, machinery, technical floors, industry and the tertiary sector with high mechanical requirements.

### Solutions



Product data

|                                       |               |                                |                                 |
|---------------------------------------|---------------|--------------------------------|---------------------------------|
| ETIM 10                               | EC001179      | Material                       | ACERO CON PROT. SUPERFICIAL,PVC |
| Huella de CO2. GWP A1-A3 (kg CO2 eq.) |               | Cod. IEC.61386                 | 3421                            |
| Colour                                | Grey RAL 7031 | Compression strength (N)       | 750 N                           |
| DN                                    | NW16          | Impact Strength (J)            | 6 J                             |
| Ø d1 (mm)                             | 19.3          | IP                             | IP65                            |
| Ø d2 (mm)                             | 22.5          | Working temperature range (°C) | -5 / 60 °C                      |
| R (mm)                                | 41            | Fire resistance                | Flame retardant                 |
| kg/u                                  | 0,183         |                                |                                 |
| u                                     | 50            |                                |                                 |

Protection System

- CU - Copper electroplated
- PG - Pregalvanised
- EZ - Electrogalvanised
- BC - Electrogalvanised Bichromate
- BK8 - High Resistance Coating
- GC - Hot Dip Galvanising
- INOX - Stainless Steel
- PT - Polyester Paint
- AL - Aluminum
- LN - Brass or Nickel-plated brass

Insulating materials

- PC+ABS - Halogen Free Polycarbonate + ABS
- PVC - Polyvinyl Chloride
- PP - Halogen Free Polypropylene
- PA6 - Halogen Free Polyamide 6
- PA12 - Halogen Free Polyamide 12
- PU - Polyurethane
- PE - Polyethylene
- NBR - NBR rubber
- PET - Thermoplastic Polyester
- TPV - Thermoplastic

