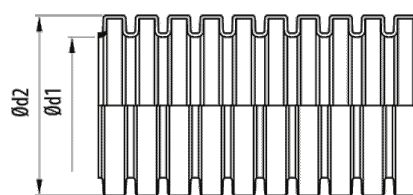


## RB-PA Flexible Conduit (Ref: 10047010)

1/2



### Description

Very flexible corrugated conduit made of self-extinguishing polyamide 12 in grey RAL 7031 or black RAL 9005, halogen-free and with an IP67 protection rating. The RB-PA flexible conduit of the Pemsaflex® range is recommended for industrial applications, machinery and where high mechanical characteristics are required with a high degree of flexibility.

### Advantages

UL and CSA certification. BD approval. CE conformance with the 2014/35 directive and the IEC 61386 standard. Halogen-free according to EN 50267-2-1 standard. In accordance with standard EN 60204-1 (machine safety).

Excellent performance and flexibility in long work cycles.

Manufactured in polyamide 12. Self-extinguishing, halogen-free and flame-retardant.

Protection index EN 60529: IP67 with the suitable fittings.

Working temperature: -450C to + 105°C.

### Applications

It is recommended for use in industrial applications and electrical installations of machine tools, robot equipment and vehicles. Excellent flexibility and behaviour in outdoor applications.

### Solutions



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## Product data

|                                              |                |                                       |                                              |
|----------------------------------------------|----------------|---------------------------------------|----------------------------------------------|
| <b>ETIM 10</b>                               | EC001175       | <b>Cod. IEC.61386</b>                 | 1342                                         |
| <b>Huella de CO2. GWP A1-A3 (kg CO2 eq.)</b> |                | <b>Compression strength (N)</b>       | 125 N                                        |
| <b>Colour</b>                                | Black RAL 9005 | <b>Impact Strength (J)</b>            | 2 J                                          |
| <b>DN</b>                                    | NW10           | <b>IP</b>                             | IP67                                         |
| <b>Ø d1 (mm)</b>                             | 9.6            | <b>Working temperature range (°C)</b> | -25 / 90 °C                                  |
| <b>Ø d2 (mm)</b>                             | 13             | <b>Fire resistance</b>                | LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA |
| <b>R (mm)</b>                                | 20             | <b>UV Behaviour</b>                   | Resistant                                    |
| <b>kg/u</b>                                  | 0,027          |                                       |                                              |
| <b>u</b>                                     | 100            |                                       |                                              |
| <b>Material</b>                              | Poyamide 12    |                                       |                                              |

## § 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



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