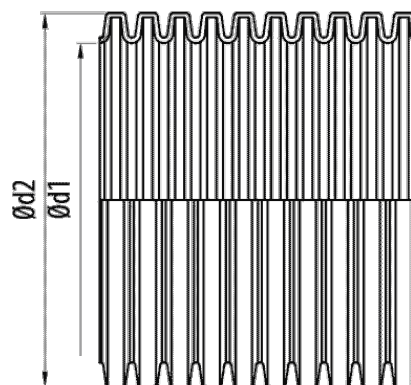


**MACROFLEX Flexible Conduit** ( Ref: 10060095 )

1/2



### Description

Flexible corrugated conduit made of self-extinguishing polyamide 6 in grey color RAL 7031 or black RAL 9005, halogen-free and with an IP65 protection rating. The Macroflex® flexible conduit from the Pemsaflex® range is recommended in applications where a good degree of flexibility and large diameter conduit are required.

### Advantages

UL, CSA and DNV certification. BD and NF approvals. 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).

Diameter up to NW 90, for a large number of cables or with a large section.

Manufactured in polyamide 6. Self-extinguishing, halogen-free according to UNE/EN 60754-2 y UNE/EN 60754-1 and flame-retardant.

Protection index EN 60529: IP67 with the suitable fittings.

Working temperature: -40°C to + 105°C.

### Applications

Its use is recommended in industrial applications and electrical installations of machine tools, robot equipment and vehicles, where large diameter cables are demanded. Excellent resistance against fats, alcohols, oils and lubricants and superb behaviour in outdoor applications.

### Solutions



**MACROFLEX Flexible Conduit** ( Ref: 10060095 )

**Product data**

|                                              |               |                                       |                                              |
|----------------------------------------------|---------------|---------------------------------------|----------------------------------------------|
| <b>ETIM 10</b>                               | EC001175      | <b>Cod. IEC.61386</b>                 | 1443                                         |
| <b>Huella de CO2. GWP A1-A3 (kg CO2 eq.)</b> |               | <b>Compression strength (N)</b>       | 125 N                                        |
| <b>Colour</b>                                | Grey RAL 7011 | <b>Impact Strength (J)</b>            | 6 J                                          |
| <b>DN</b>                                    | NW90          | <b>IP</b>                             | IP67                                         |
| <b>Ø d1 (mm)</b>                             | 89            | <b>Working temperature range (°C)</b> | -40 / 105 °C                                 |
| <b>Ø d2 (mm)</b>                             | 106           | <b>Fire resistance</b>                | LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA |
| <b>R (mm)</b>                                | 210           | <b>UV Behaviour</b>                   | Resistant                                    |
| <b>kg/u</b>                                  | 0,730         |                                       |                                              |
| <b>u</b>                                     | 10            |                                       |                                              |
| <b>Material</b>                              | Polyamide 6   |                                       |                                              |

**§ 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



[www.pemsa-rejiband.com](http://www.pemsa-rejiband.com)

Any information included in this document is property of Pemsa®. It cannot be copied, total or partially, nor disclosed to third parties nor used without the explicit and written authorization by Pemsa®. These documents total or partially, can be subject to patent and/or be patent pending and therefore protected by intellectual and industrial property rights. Pemsa, Rejiband, Pemsaband, Inducanal, Rejitech, Megaband, Pemsaflex are registered trademarks property of "Pemsa Cable Management, S.A."

