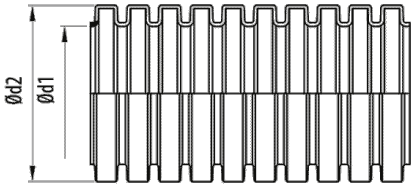
PEMSAFLEX System

17/11/2026

# RB-PA Flexible Conduit








## 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

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

Excellent performance and flexibility in long work cycles.

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

Protection index EN 60529: IP67 with the suitable fittings.

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).

## 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



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."

# RB-PA Flexible Conduit

## Main technical characteristics

Colour Black RAL 9005 | DN NW 7, NW10, NW12, NW17, NW23, NW29, NW36, NW48, NW52, NW70, NW95 | Poyamide 12 | Cod IEC 61386 1342

125 N | 2 J | IP67 | -25 / 90 °C | LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA | Resistant | ETIM 10 EC001175

## Product data

| DN | Ød1 | Ød2 | | REF | kg/u | Pu |
|---|---|---|---|---|---|---|
| NW 7 | 6.4 | 10 | 15 | 10047007 | 0,023 | 100 |
| NW10 | 9.6 | 13 | 20 | 10047010 | 0,027 | 100 |
| NW12 | 11.8 | 15.7 | 25 | 10047012 | 0,036 | 50 |
| NW17 | 16.7 | 21.7 | 30 | 10047017 | 0,057 | 50 |
| NW23 | 21.8 | 28.3 | 35 | 10047023 | 0,094 | 50 |
| NW29 | 28.1 | 34.1 | 50 | 10047029 | 0,122 | 50 |
| NW36 | 35.5 | 42.3 | 60 | 10047036 | 0,164 | 30 |
| NW48 | 46.5 | 54.5 | 70 | 10047048 | 0,224 | 30 |
| NW52 | 52.4 | 62.5 | 125 | 10047052 | 0,365 | 30 |
| NW70 | 69.3 | 82.5 | 150 | 10047070 | 0,460 | 10 |
| NW95 | 89 | 105.7 | 170 | 10047095 | 0,750 | 10 |

## 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



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."

# RB-PA Flexible Conduit

**TPV** - Thermoplastic



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."