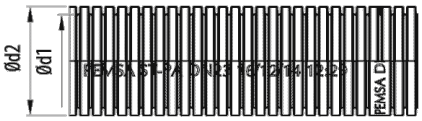
PEMSAFLEX System

01/11/2026



# ST-PA Halogen Free Flexible Conduit ( Ref: 10041023 )






## Description

Flexible corrugated conduit, made of self-extinguishing polyamide 6 in grey RAL 7031 or black RAL 9005, halogen-free according to EN 50642 standard and with an IP67 protection rating. The ST-PA flexible conduit of the Pemsaflex® range is recommended for industrial applications, machinery and where a high degree of flexibility and excellent weathering and UV radiation are required. ULf1 classified accoding to UL746C and EN ISO 4892-2.

## Advantages

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.

Halogen-free according to EN 50642 /EN IEC 63355

Impact resistance. Grade 4, 6 Joules.

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

## Applications

It is recommended for use in industrial applications and electrical installations of machine tools, robot equipment and vehicles. Excellent resistance against fats, alcohols, oils and lubricants and superb behaviour in outdoor applications. Resistant to UV radiation.

## Solutions

RAILWAY APPLICATIONS



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# ST-PA Halogen Free Flexible Conduit ( Ref: 10041023 )

## Product data

| | | | |
|---|---|---|---|
| **ETIM 10** | EC001175 | **Cod. IEC.61386** | 24234 |
| **Huella de CO2. GWP A1-A3 (kg CO2 eq.)** | | **Compression strength (N)** | 320 N |
| **Colour** | Black RAL 9005 | **Impact Strength (J)** | 6 J |
| **DN** | NW23 | **IP** | IP67 |
| **Ø d1 (mm)** | 23.3 | **Working temperature range (°C)** | -40 / 105 ºC |
| **Ø d2 (mm)** | 28.5 | **Fire resistance** | Flame retardant |
| **R (mm)** | 45 | **UV Behaviour** | ULf1 Resistant |
| **kg/u** | 0,105 | | |
| **u** | 50 | | |
| **Material** | 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



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