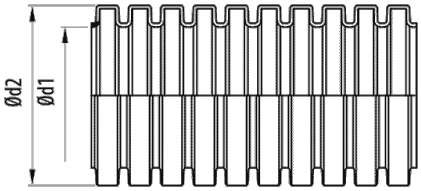
PEMSAFLEX System

03/11/2026

RB-PA Flexible Conduit (Ref: 10047048)





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

ETIM 10	EC001175
Huella de CO2. GWP A1-A3 (kg CO2 eq.)	
Colour	Black RAL 9005
DN	NW48
Ø d1 (mm)	46.5
Ø d2 (mm)	54.5
R (mm)	70
kg/u	0,224
u	30
Material	Poyamide 12

Cod. IEC.61386	1342
Compression strength (N)	125 N
Impact Strength (J)	2 J
IP	IP67
Working temperature range (°C)	-25 / 90 °C
Fire resistance	LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA
UV Behaviour	Resistant

Ⓢ 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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