



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



Product data			
ETIM 10		EC001175	
Huella de CO2. GWP A1-A3 (kg CO2 eq.)			
Colour		Black RAL 9005	
DN		NW70	
Ø d1 (mm)		69.3	
Ø d2 (mm)		82.5	
R (mm)		150	
kg/u		0,460	
u		10	
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