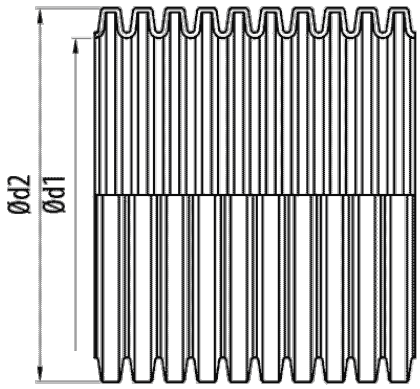
PEMSAFLEX System

17/11/2026

MACROFLEX Flexible Conduit (Ref: 10060595)





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

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Product data

ETIM 10	EC001175
Huella de CO2. GWP A1-A3 (kg CO2 eq.)	
Colour	Black RAL 9005
DN	NW90
Ø d1 (mm)	89
Ø d2 (mm)	106
R (mm)	210
kg/u	0,740
u	10
Material	Polyamide 6

Cod. IEC.61386	1443
Compression strength (N)	125 N
Impact Strength (J)	6 J
IP	IP67
Working temperature range (°C)	-40 / 105 ºC
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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