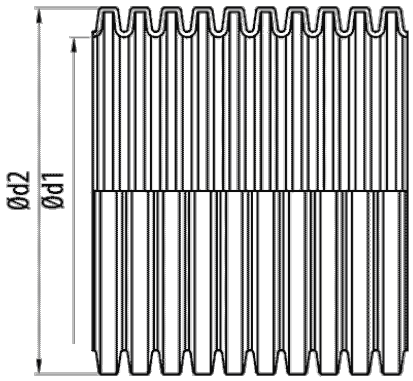
PEMSAFLEX System

10/10/2026

MACROFLEX Flexible Conduit



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

Manufactured in polyamide 6. Self-extinguishing, halogen-free according to UNE/EN 60754-2 y UNE/EN 60754-1 and flame-retardant.

Diameter up to NW 90, for a large number of cables or with a large section.

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

Protection index EN 60529: IP67 with the suitable fittings.

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).

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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MACROFLEX Flexible Conduit

Main technical characteristics

Colour Grey RAL 7011, Black RAL 9005	DN NW52, NW70, NW90	10	Polyamide 6	Cod IEC 61386 1443	125 N	6 J	
IP67	-40 / 105 °C	LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA	Resistant	ETIM 10 EC001175			

Product data

Colour	DN	Od1	Od2		Ref	kg/u
Grey RAL 7011	NW52	52	62	125	10060052	0,360
Grey RAL 7011	NW70	70	82.5	160	10060070	0,450
Grey RAL 7011	NW90	89	106	210	10060095	0,730
Black RAL 9005	NW52	52	62	125	10060552	0,365
Black RAL 9005	NW70	70	82.5	160	10060570	0,460
Black RAL 9005	NW90	89	106	210	10060595	0,740

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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