

LG-PA Halogen Free Flexible Conduit



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 LG-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 according 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.

Impact resistance. Grade 4, 6 Joules.

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

Protection index EN 60529: IP67 with the suitable fittings.

Halogen-free according to EN 50642 /EN IEC 63355

CE conformity with Directive 2014/35 and IEC 61386-23. In compliance with EN 60204-1 (safety of machinery).

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



www.pemsa-rejiband.com

Any information included in this document is property of Pemsa®. It cannot be copied, total or partially, nor disclosed to third parties nor used without the explicit and written authorization by Pemsa®. These documents total or partially, can be subject to patent and/or be patent pending and therefore protected by intellectual and industrial property rights. Pemsa, Rejiband, Pemsaband, Inducanal, Rejitech, Megaband, Pemsaflex are registered trademarks property of "Pemsa Cable Management, S.A."



Main technical characteristics

 Colour	Grey RAL 7011, Black RAL 9005	 DN	NW 7, NW10, NW12, NW14, NW17, NW23, NW29, NW36, NW48	 Polyamide 6	 IEC 61386	24234	
 320 N	 6 J	 IP67	 -40 / 105 °C	 Flame retardant	 ULF1 Resistant	ETIM 10 EC001175	

Product data

COLOUR	DN				Ref	kg/u	
Grey RAL 7011	NW 7	6.8	10	15	10042007	0,022	50
Grey RAL 7011	NW10	9.8	13	20	10042010	0,025	50
Grey RAL 7011	NW12	12.2	15.8	30	10042012	0,033	50
Grey RAL 7011	NW14	14.6	18.7	35	10042014	0,052	50
Grey RAL 7011	NW17	17.2	21.7	35	10042017	0,056	50
Grey RAL 7011	NW23	23.4	28.5	45	10042023	0,090	50
Grey RAL 7011	NW29	28.6	34.4	50	10042029	0,122	25
Grey RAL 7011	NW36	35.7	42.5	60	10042036	0,146	25
Grey RAL 7011	NW48	48	54.7	70	10042048	0,191	20
Black RAL 9005	NW 7	6.8	10	15	10043007	0,022	50
Black RAL 9005	NW10	9.8	13	20	10043010	0,025	50
Black RAL 9005	NW12	12.2	15.8	30	10043012	0,033	50
Black RAL 9005	NW14	14.6	18.7	35	10043014	0,052	50
Black RAL 9005	NW17	17.2	21.7	35	10043017	0,056	50
Black RAL 9005	NW23	23.4	28.5	45	10043023	0,090	50
Black RAL 9005	NW29	28.6	34.4	50	10043029	0,122	25
Black RAL 9005	NW36	35.7	42.5	60	10043036	0,146	25
Black RAL 9005	NW48	48	54.7	70	10043048	0,191	20

 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

LG-PA Halogen Free Flexible Conduit

PA6 - Halogen Free Polyamide 6

PA12 - Halogen Free Polyamide 12

PU - Polyurethane

PE - Polyethylene

NBR - NBR rubber

PET - Thermoplastic Polyester

TPV - Thermoplastic

