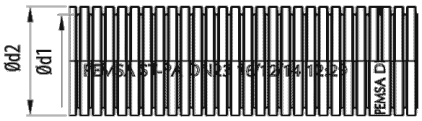
PEMSAFLEX System

01/11/2026

ST-PA Halogen Free Flexible Conduit (Ref: 10041048)





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 ST-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 accoding 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.

Protection index EN 60529: IP67 with the suitable fittings.

Halogen-free according to EN 50642 /EN IEC 63355

Impact resistance. Grade 4, 6 Joules.

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

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

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Product data

ETIM 10	EC001175	**Cod. IEC.61386**	24234
Huella de CO2. GWP A1-A3 (kg CO2 eq.)		**Compression strength (N)**	320 N
Colour	Black RAL 9005	**Impact Strength (J)**	6 J
DN	NW48	**IP**	IP67
Ø d1 (mm)	47.7	**Working temperature range (°C)**	-40 / 105 ºC
Ø d2 (mm)	54.7	**Fire resistance**	Flame retardant
R (mm)	70	**UV Behaviour**	ULf1 Resistant
kg/u	0,241		
u	20		
Material	Polyamide 6		

Ⓢ 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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