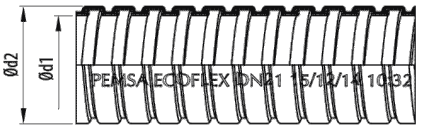
FLEXIBL System

ECOFLEX Conduit



Description

Metal flexible conduit with a PG protection system steel strip and PVC outer sheath. Sealed and self-extinguishing, with an IP65 protection rating. Recommended for the mechanical protection of electrical conductors. The Ecoflex® flexible conduit is installed with RM, RGM, RMH, and RMM fittings for connection to equipment or boxes. Available in various diameters in grey (RAL 7031).

Advantages

Compression resistance grade 3, 750 N. Grade 4 impact, 6 Joules.

Working temperature: -5°C to + 60°C. Degree of protection IP65 according to classification EN60529.

Self-extinguishing flame retardant PVC outer sheath.

CE conformity to the 2014/35 directive and the EN IEC 61386 standard.

Manufactured in PG protection system, to EN 10142. Grade 3 corrosion resistance, according to IEC 61386. Medium indoor and outdoor protection.

Applications

Suitable for the protection of wiring and conductors in general applications, building, machinery, technical floors, industry and the tertiary sector with high mechanical requirements.

Solutions

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Main technical characteristics

Colour Grey RAL 7031 | DN NW21, NW29, NW36, NW48, NW 7, NW 9, NW11, NW13, NW16 | ACERO CON PROT. SUPERFICIAL,PVC | Cod IEC 61386 3421

750 N | 6 J | IP65 | -5 / 60 °C | Flame retardant | ETIM 10 EC001179

Product data

DN	Ød1	Ød2	r	Ref	kg/u	Pu
NW21	23.4	27.8	56	11060021	0,368	25
NW29	30.7	34.7	73	11060029	0,473	25
NW36	39.8	44.8	91	11060036	0,616	25
NW48	52.7	57.7	107	11060048	0,877	20
NW 7	9.7	12.7	24	11060107	0,096	50
NW 9	11.5	14.7	31	11060109	0,101	50
NW11	15.3	18.3	35	11060111	0,145	50
NW13	17.1	20.3	37	11060113	0,158	50
NW16	19.3	22.5	41	11060116	0,183	50

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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