

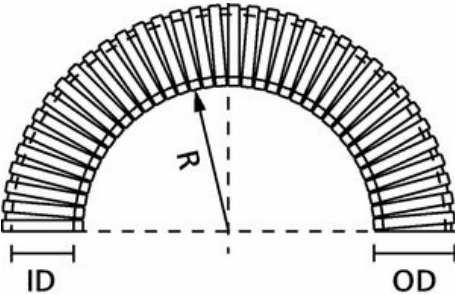
Non-Metallic Conduits HG-HI13

HG-HI PA12, Article number: 166-11501



Images (1)

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Features

- Excellent fatigue life
- Very flexible
- Recovers form if crushed
- Good mechanical properties at low temperatures
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Self-extinguishing to IEC 61386
- Colour: black (UV resistant)

Certifications & Approvals

HF

RoHS

Application

Robots, rail, machine building, plant construction and wherever continual movement and bending are requirements.

HG-HI PA12 is suitable for following markets and industries

Electronics Industry

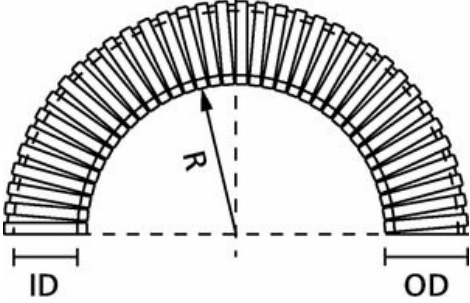
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Base Data

Colour	Black (BK)
Conduit Model	Plastic corrugated
Description Short (BMEcat) (max. 150 characters)	Corrugated flexible conduit PA12 ø13mm reel 50m
Features and Benefits	Standard weight PA12 corrugated flexible conduit for applications with continual movement and bending.
GLOBAL PART DESCRIPTION	HG-HI13-PA12-BK
Pack Cont.	50 m
Package Quantity per	Reel
Pitch Type	fine
Product Family	HG-HI PA12
Product Group	Non-Metallic Conduits
Type	HG-HI13-PA12-BK-50M

Product Dimensions



Diameter (D)	9.8 mm
Inside Ø (ID)	9.8 mm
Length (L)	50 m
Min. Bending Radius (R)	25 mm
Min.Tensile Strength	150 N
Nominal ø	13 mm
Nominal ø (imperial)	1/2 "
NW ø	10 mm
Outside Ø (OD)	13.0 mm
Weight	26 g/m

Material and Specifications



ELV compliant Dir. Art. 4 (2)	YES
EN61386 Classification	13544066-110
Flammability	self-extinguishing according to EN IEC 61386
Halogenfree	Yes
Hazardous good	No
IP-Rating	IP66 (in conjunction with HG fittings)
Material	Polyamide 12 (PA12)
Operating Temperature - °C	-50 °C to +110 °C
Operating Temperature Moving	-50 °C to +110 °C
Specifications	HF✓RoHS✓
Specifications	IEC 61386

Logistics and Packaging



More Information



ETIM 5.0	EC001175
ETIM 6.0	EC001175

Competences





Cable Protection Conduits

Perfect cable protection with flexible conduits and fittings, braided sleeving, spiral binding and cable protection tubing ...

[Cable Protection Conduits >](#)

Accessories



Sample Pack ENG
HelaGuard
905-20001



HGL13-S-M16
166-21600
Fittings with fixed
external thread



HGL13-S-PG9
166-21608
Fittings with fixed
external thread



HGL13-SM-M16
166-21900
Fittings with swivel
external thread



HGL13-SM-PG9
166-21909
Fittings with swivel
external thread



HGL13-SF-M16
166-22000
Fittings with swivel
internal thread

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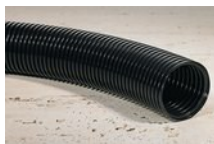
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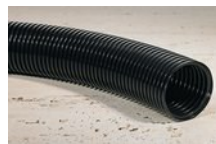
HG-HI16
166-11502
Non-Metallic Conduits



HG-HI21
166-11503
Non-Metallic Conduits



HG-HI28
166-11504
Non-Metallic Conduits



HG-HI34
166-11505
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HG-HI34
166-11508
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HG-HI42
166-11506
Non-Metallic Conduits

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Product overview
Cable Ties and Fixings
Insulation
Cable Protection Systems
Electrical Installation
Identification Systems
Application Tooling
Connectivity
T.I.P.S.

Competences

Cable Ties
Heat Shrink Tubing
Industrial Identification
and Self-Adhesive Labels
Cable Protection
Conduits
Electrical Installation
Electrical tape
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Cable Tie Guns
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STAENG Cable Harness
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RFID tracking
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Hole Saws
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Application Icon Key
Benefits Icon Key
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Update: 16/09/2018

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