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Printview

Catalogue page
Date of issue: April 2011

All catalogue pages

HG-HI28

Article number: 166-11504

HelaGuard PA12 is ideal for robotics.

Non-Metallic Conduits
HG-HI PA12

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

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

Base Data

Colour	Black (BK)
Conduit Model	Plastic corrugated
Features and Benefits 2	Standard weight PA12 corrugated flexible conduit for applications with continual movement and bending.
Pitch Type	coarse
Product Headline 1	Non-Metallic Conduits
Product Headline 2	HG-HI PA12
Type	HG-HI28-PA12-BK-50M

Product Dimensions

Bending Radius	45 mm
Inside ⌀	21.7 mm
Length (L)	50 m
Min.Tensile Strength (N)	350 N
NW ⌀	23 mm
Nominal ⌀	28 mm
Outside ⌀ (OD)	28.5 mm
Weight (g/m)	92
⌀ D	21.7 mm

Logisitic and Packaging

EAN code	4031026302676
Pack Cont.	50 m
Quantity of Europallet	0
Quantity per	Reel
Reel Length	50 m
Weight (Kg)	9.2 kg

Material and Specifications

Compression Strength (kg/100mm)	70
EN61386 Classification	13544066-110
Flammability	self-extinguishing according to EN IEC 61386
Halogenfree	YES
Material	Polyamide 12 (PA12)
Material	PA12
Operating Temperature	-50 °C to +110 °C
Specification	UL-Recognised, IEC 61386

Matching products

Fittings with swivel internal thread Type: HG28-SF-M25 Polyamide 6.6 (PA66), Nickel Plated Brass (NPB) Black (BK)

Fittings with swivel internal thread Type: HG28-SF-PG21 Polyamide 6.6 (PA66), Nickel Plated Brass (NPB) Black (BK)

Fittings with swivel external thread Type: HG28-45M-M25 Polyamide 6.6 (PA66), Nickel Plated Brass (NPB) Black (BK)

Similar products

Non-Metallic Conduits Type: HG-HI13 Polyamide 12 (PA12) Black (BK)

Non-Metallic Conduits Type: HG-HI16 Polyamide 12 (PA12) Black (BK)

Non-Metallic Conduits Type: HG-HI21 Polyamide 12 (PA12) Black (BK)

Non-Metallic Conduits Type: HG-HI28 Polyamide 12 (PA12) Black (BK)

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HellermannTyton are one of the leading suppliers of products for fastening, fixing, identifying and protecting cables and their connecting components. We provide Cable Ties inside serrated Cable Ties outside serrated, Releasable Cable Ties, Cable Ties without serration, Cable Ties for direct fixation, Stainless Steel Cable Ties, Fixing Ties, Cable Tie Mounts, Fixing Elements, Clips and Clamps, Heat Shrinkable Tubing, Heatshrinkable Moulded Shapes, Non Shrinkable Tubing, HelaGuard Non-Metallic Conduits and Fittings, HelaGuard Steel Conduits and Fittings, HelaGuard Steel Conduits with Plastic Coating and Fittings, HelaGuard Steel Conduits with Liquid-Tight Cover and Fittings, HelaGuard Steel Conduits with Plastic Coating and Steel Overbraid, HelaGuard Steel Conduits with Steel Overbraid and Fittings, HelaGuard PSR and PSRSC Spiral-Reinforced PVC Conduits and Fittings, HelaGuard Accessories, FlexiGuard Flexible Conduits and Fittings, Conduits for extreme conditions, Cable Management Systems, Spiral Binding, Wiring Ducts and Accessories, Wiring Ducts and Accessories 2, Braided Sleeving and Fabric Tubing, Edge Protection, Grommets, HelaCon Easy, HelaCon Lux, HelaCon Plus, Mounting Devices, Cable Installation System, Electrical Tapes, Wire and Cable Markers, Control Panel Labelling, Industrial Identification, Security Labeling, Hazardous Area Identification, Printers and Software, Automatic Cable Tying System, Application Tooling For Cable Ties, Application Tooling for Heat Shrinkable Tubing, Application Tooling for Non Shrinkable Tubing, Application Tooling for Identification, Application Tooling for Snappers, RapidNet, Patch Panels, Data Outlets, Fibre, Cable, Accessories, iD,