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FLEXIBLE TUBING LTD

GALVANISED STEEL UNCOVERED CONDUIT (DNP)



GALVANISED STEEL FLEXIBLE METAL CONDUIT FOR CABLE PROTECTION

DNP Galvanised Steel Uncovered Conduit is a helically wound flexible metal conduit designed for the protection of electrical wiring. Its highly flexible, all-metal construction makes it a versatile solution for cable protection across a range of electrical and industrial applications.

Suitable for cable protection, under-floor wiring, factory wiring, OEM machinery, rail infrastructure, lighting, cable tracks and CCTV installations.

- **Temp Range**: -50 to +300 Degrees C
- **IP Rating**: IP40 (Conduit) / IP40 (Conduit Plus Fittings)
- **Complies with**: BSEN61386-1:2008 & BSEN61386-23:2004
- **Classification Coding for Conduit System**: BSEN61386-125640402010
- **Standard Lengths:** 10m, 25m & 50m coils
- **Packing:** Standard Coils, Wooden Reels & Loose or Joined in Crates

Classification Coding for Conduit System

Order non-standard lengths here

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PRODUCT DETAILS

Galvanised Steel Uncovered Flexible Conduit – Product Details

DNP Galvanised Steel Uncovered Conduit provides a highly flexible and versatile solution for protecting electrical wiring.

Manufactured from helically coiled galvanised steel, the conduit uses a non-packed squarelock construction and is manufactured from annealed steel strip. Its all-metal construction provides a flexible conduit suitable for a wide range of cable protection applications.

Key Features

- Flexible helically wound galvanised steel conduit
- Non-packed squarelock construction
- Highly flexible and versatile
- All-metal conduit construction
- Suitable for electrical wiring and cable protection
- Temperature range from -50°C to +300°C
- IP40 conduit rating
- IP40 rating when used with fittings
- Standard lengths of 10m, 25m and 50m coils
- Available in standard coils, wooden reels, or loose or joined in crates

DNP conduit complies with **BSEN61386-1:2008** and **BSEN61386-23:2004**, with conduit system classification **BSEN61386-125640402010**.

TECHNICAL DATA

Product Code	Trade Size (mm)	Actual ID (mm)	Actual OD (mm)	Inside Bend Radius (mm)	Weight (Kg.) Per 100 Mtrs
DNP.10	**10**	7	9	23	8
DNP.12	**12**	10	13	35	16
DNP.16	**16**	13	16	41	18
DNP.18	**18**	15	18	45	20
DNP.20	**20**	17	20	51	23
DNP.25	**25**	21	25	63	30
DNP.32	**32**	29	32	70	45
DNP.40	**40**	38	42	92	56
DNP.50	**50**	49	55	118	69
DNP.75	**75**	75	88	133	186
DNP.100	**100**	100	112	179	248

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CONSTRUCTION

Galvanised Steel Flexible Conduit Construction

DNP is a flexible metal conduit manufactured from **helically coiled galvanised steel**, providing a highly flexible all-metal construction for electrical wiring and cable protection applications.

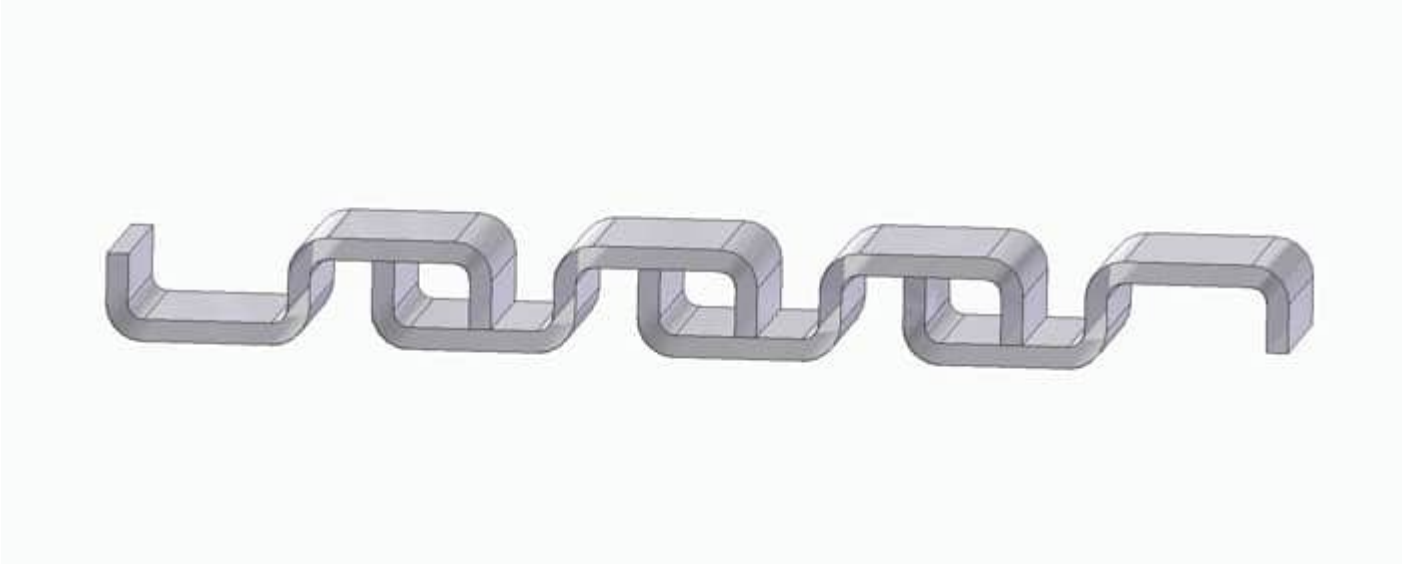
Construction Features

- Helically coiled galvanised steel flexible metal conduit
- Non-packed conduit manufactured with a squarelock section
- Manufactured from annealed steel strip to **BS.1449 Part 1 1972**
- Manufactured in accordance with **DIN Standard 49012**

Manufacturing Tolerances

All DNP conduits are manufactured to ID sizes with tolerances of **+0.5mm / -0.5mm**.

Manufacturing Tolerances – All conduits are manufactured to ID sizes, tolerances are + 0.5mm, – 0.5mm



APPLICATIONS

Galvanised Steel Conduit Applications

DNP Galvanised Steel Uncovered Conduit is a highly flexible and versatile solution for protecting electrical wiring across a range of applications.

The conduit and fittings are all metallic, allowing the system to be used where a **low fire hazard specification** is required.

Typical applications include:

- **Cable Protection** – flexible protection for electrical wiring
- **Under-floor Wiring & Access Flooring** – suitable for under-floor electrical installations
- **Factory Wiring & General OEM Machinery** – flexible conduit for factory and machinery wiring
- **Rail Infrastructure** – suitable for signal and lighting applications
- **Lighting & Cable Tracks** – flexible protection for electrical cabling
- **CCTV Installations** – suitable for commercial, industrial and home CCTV applications

NON-STANDARD LENGTHS

Order non-standard lengths here

PRE-WIRED ASSEMBLIES

Pre-wired Assemblies Builder

FAQS

Frequently Asked Questions About DNP Galvanised Steel Conduit

What is DNP Galvanised Steel Uncovered Conduit used for?

DNP conduit is typically used for the protection of electrical wiring. Applications include cable protection, under-floor wiring, factory wiring, OEM machinery, rail infrastructure, lighting, cable tracks and CCTV installations.

What is DNP conduit made from?

DNP is manufactured from helically coiled galvanised steel. It is a non-packed flexible conduit with a squarelock section, manufactured from annealed steel strip.

What temperature range can DNP conduit operate within?

DNP Galvanised Steel Uncovered Conduit has a specified temperature range of **-50°C to +300°C**.

What is the IP rating of DNP conduit?

DNP conduit has an **IP40 rating**. The specified rating for the conduit when used with fittings is also **IP40**.

Is DNP conduit suitable for low fire hazard specifications?

The DNP conduit and fittings are all metallic and can therefore be used for a **low fire hazard specification**.

What lengths of DNP conduit are available?

Standard DNP conduit lengths are **10m, 25m and 50m coils**. Non-standard lengths can also be ordered.

How is DNP conduit supplied?

DNP conduit can be supplied in **standard coils, on wooden reels, or loose or joined in crates**.

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What standards does DNP conduit comply with?

DNP conduit complies with **BSEN61386-1:2008** and **BSEN61386-23:2004**. Its conduit system classification is **BSEN61386-125640402010**.