

# Whitehouse

flexible  
tubing ltd



Registered Office: BRITTEN STREET, REDDITCH, WORCESTERSHIRE B97 6HD  
Registered in England No. 648574

## Conduit Classification Coding System Explanation

### What the scope Covers

- The Supplied goods are manufactured to the relevant standards and have a ltd warranty for manufacturing and/or material defects.

#### Standards covered

Flexible conduit manufactured to DIN49012. Complying with BSEN61386 pt 1 & 23

#### Classification Coding

1. Bare galvanised flexible electrical conduit  
\* (Product code DNP) BSEN61386 – 125640402010
2. PVC covered vacuum formed galvanised flexible electrical conduit  
\* (Product code DFC) BSEN61386 – 222240543020

\* Refer to Annex A for detailed explanation.

### Contact Details

- **WHITEHOUSE FLEXIBLE TUBING LTD**  
Britten street, Redditch, Worcestershire b97 6hd  
Tel: (01527) 64036 / 62398 Fax: (01527) 584165  
E-Mail: [darren@freeuk.com](mailto:darren@freeuk.com)  
Managing Director: Mr J.P. Whitehouse  
General Manager: Mr D. Shakells

## Annex A (normative)

### Classification coding for conduit systems

NOTE Annex A shows the classification coding format for declared properties of the conduit system, which may be incorporated in the manufacturer's literature.

First digit – Resistance to compression (see 6.1.1)	
Very light compression strength	1
Light compression strength	2
Medium compression strength	3
Heavy compression strength	4
Very heavy compression strength	5

Second digit – Resistance to impact (see 6.1.2)	
Very light impact strength	1
Light impact strength	2
Medium impact strength	3
Heavy impact strength	4
Very heavy impact strength	5

Third digit – Lower temperature range (see 6.2.1)	
+5 °C	1
-5 °C	2
-15 °C	3
-25 °C	4
-45 °C	5

Fourth digit – Upper temperature range (see 6.2.2)	
+60 °C	1
+90 °C	2
+105 °C	3
+120 °C	4
+150 °C	5
+250 °C	6
+400 °C	7

<b>Fifth digit – Resistance to bending (see 6.1.3)</b>	
Rigid	1
Pliable	2
Pliable / self recovering	3
Flexible	4

<b>Sixth digit – Electrical characteristics (see 6.3)</b>	
None declared	0
With electrical continuity characteristics	1
With electrical insulating characteristics	2
With electrical continuity and insulating characteristics	3

<b>Seventh digit – Protection against ingress of solid objects (see 6.4.1)</b>	
Protected against solid foreign objects of 2,5 mm diameter and greater	3
Protected against solid foreign objects of 1,0 mm diameter and greater	4
Dust protected	5
Dust-tight	6

<b>Eighth digit – Protection against ingress of water (see 6.4.2)</b>	
None declared	0
Protected against vertically falling water drops	1
Protected against vertically falling water drops when the conduit system is tilted up to an angle of 15°	2
Protected against spraying water	3
Protected against splashing water	4
Protected against water jets	5
Protected against powerful water jets	6
Protected against the effects of temporary immersion in water	7

<b>Ninth digit – Resistance against corrosion (see 6.4.3 and Table 10)</b>	
Low protection inside and outside	1
Medium protection inside and outside	2
Medium protection inside, high protection outside	3
High protection inside and outside	4

Tenth digit – Tensile strength (see 6.1.4)	
None declared	0
Very light tensile strength	1
Light tensile strength	2
Medium tensile strength	3
Heavy tensile strength	4
Very heavy tensile strength	5

Eleventh digit – Resistance to flame propagation (see 6.5)	
Non-flame propagating	1
Flame propagating	2

Twelfth digit – Suspended load capacity (see 6.1.5)	
None declared	0
Very light suspended load capacity	1
Light suspended load capacity	2
Medium suspended load capacity	3
Heavy suspended load capacity	4
Very heavy suspended load capacity	5