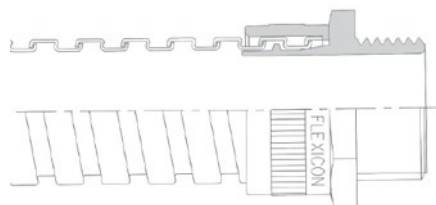


<b>Technical Data Sheet:</b>	<b>DS010/0511</b>
<b>Product Description</b>	Galvanised steel helically wound flexible conduit
<b>Product Range</b>	<b>FU - Metallic Conduits</b>

Roman Way, Coleshill  
Birmingham  
B46 1HG  
Tel: 00 44 (0)1675 466900  
Website: www.flexicon.uk.com



**Material:**  
Galvanised Steel Conduit

**Colour:**  
Self colour

**Fire Performance:**  
Inherently Low Fire Hazard



**Testing & Standards:**



CE IEC EN 61386

**IP Rating:**

• IP40

**Applications:**

FU conduit is inherently low fire hazard and provides high mechanical strength.

Ideal for use in Commercial and public buildings as well as and tunnels. Typically used in protecting cables for under-floor wiring in office blocks.

**Compression Strength (20mm size):**

350kg/100mm

**Pull-off (Tensile) strength (20mm size):**

120kg

**Temperature Performance:**

-100°C to +300°C

Nominal Size	Part No	Dimensions and Mechanical Properties			
		Reel Length (M)	OD (mm)	Min ID (mm)	Min inside Bend radius R (mm)
10	<b>FU10 *</b>	25, 50	9.1	6.8	25
12	<b>FU12</b>	25, 50	13.2	10.0	30
16	<b>FU16</b>	10, 25, 50	16.4	12.9	40
20	<b>FU20</b>	10, 25, 50	20.6	16.8	45
25	<b>FU25</b>	10, 25, 50	24.6	20.9	55
32	<b>FU32</b>	10, 25	32.0	27.8	70
40	<b>FU40</b>	10, 25	42.5	37.3	80
50	<b>FU50</b>	10, 25	53.2	48.0	90
63	<b>FU63</b>	10	62.5	57.0	115
75	<b>FU75</b>	10	77.0	69.4	150

\* FU10 is interlock section

#### Compliance, Approvals & Accreditation;



COMPLIANT TO LUL STANDARD 1/085A1  
(FORMERLY 2-01001-002-A1 CATEGORY EQ/E)

LUL Metronet deemed to comply register - MB-DTC-1101-FSE-1

COMPLIANT TO GM/RT2120 ISSUE 2 Appendix 1,  
minor material (interior and exterior)



#### Typical Applications;



General Contracting



Rail

Errors, omissions and amendments excepted. As part of continuing product development Flexicon Ltd reserve the right to alter product specifications without prior notice. Data given is correct at time of compilation. Product specification and application data is for guidance only and does not constitute a warranty of any kind, either expressed or implied for Flexicon products or their suitability for a specific purpose. Third party approvals maybe limited to certain sizes within a product range.

Created by; <b>Colin Legg - Marketing Manager</b>	Approved by; <b>Ian Gibson - Technical Director</b>	Date; <b>May 2011</b>	Page Number; <b>Page 1 of 2</b>
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**FLEXICON**

FLEXIBLE CONDUIT SOLUTIONS

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Technical Properties	
Detail	Rating
High Mechanical Strength	YES
Highly Flexible	YES
Inherently Low Fire Hazard	YES
Temperature Range	-100° to +300°C
IP - Ingress Protection	IP40
Compression strength kg/100mm	350
Pull of strength kg/20mm	120
COMPLIANT TO LUL STANDARD 1/085A1 (FORMERLY 2-01001-002-A1 CATEGORY EQ/E)	YES

#### Other Variants Available:



#### **FUSSB**

**Construction:** Galvanised steel, helically wound, flexible conduit with stainless steel (316) overbraid.

**Typical Applications:** Underground stations where LFH properties and EMC screening are required.



#### **SSU**

**Construction:** Stainless steel (grade 316), helically wound, flexible conduit. Colour stainless steel, self colour.

**Typical Applications:** Instrumentation and security.



Created by;

**Colin Legg - Marketing Manager**

Approved by;

**Ian Gibson - Technical Director**

Date;

**May 2011**

Page Number;

**Page 2 of 2**