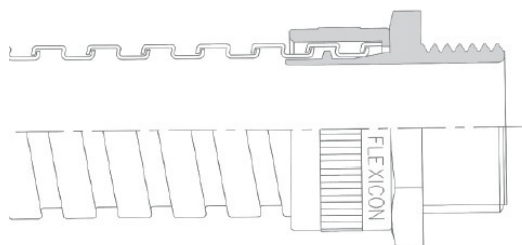


Technical Data Sheet:	DS010/0213
Product Description	Galvanised steel helically wound flexible conduit
Product Range	FU - Metallic Conduits

FLEXICON

FLEXIBLE CONDUIT SOLUTIONS

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



IP Rating:

• IP40

Applications:

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

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.	Nominal Dimensions			
		Reel Length (M)	OD (mm)	Min ID (mm)	Min inside Bend radius R (mm)
10	FU10 *	25, 50	9.1	6.8	25
12	FU12	25, 50	13.2	10.0	30
16	FU16	10, 25, 50	16.4	12.9	40
20	FU20	10, 25, 50	20.6	16.8	45
25	FU25	10, 25, 50	24.6	20.9	55
32	FU32	10, 25	32.0	27.8	70
40	FU40	10, 25	42.5	37.3	80
50	FU50	10, 25	53.2	48.0	90
63	FU63	10	62.5	57.0	115
75	FU75	10	77.0	69.4	150

* FU10 is interlock section

Compliance, Approvals & Accreditation;



EN 61386 Classification Available on request

COMPLIANT TO LUL STANDARD 1-085-A3

London Underground Certificate No. 296

Typical Applications;



Construction



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: Colin Legg - Marketing Manager	Approved by: Ian Gibson - Technical Director	Date: February 2013	Page Number: Page 1 of 2
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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 off strength kg/20mm	120
COMPLIANT TO LUL STANDARD 1-085A1	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.



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