

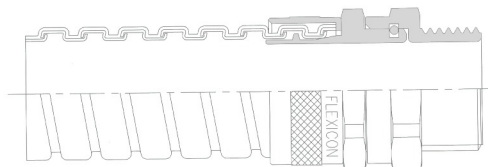
Technical Data Sheet:	DS012/1116
Product Description	Galvanised steel, helically wound, flexible conduit with PVC coating
Product Range	FSU - Metallic Conduits

FLEXICON
 FLEXIBLE CONDUIT SOLUTIONS
 MADE IN THE UK
 Roman Way, Coleshill
 Birmingham
 B46 1HG
 Tel: 00 44 (0)1675 466900
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bsi
 U.K.A.S.
 FM58347



FSU Conduit



Conduit complete with FSU Swivel type fitting

Material;
 Galvanised Steel Conduit with PVC coating

Colour:
 Black.
 Note: Grey or Orange available on request

Fire Performance:
 Self extinguishing

IP Rating:

- IP54 with M, S, P or F type fittings
- IP65 with C, C-S and C90 type fittings

Applications:
 FSU conduit provides high mechanical strength and is highly flexible.
 Ideal for use for general factory wiring and connections to machines.

Compression Strength (20mm size):
 350kg/100mm

Pull-off (Tensile) strength (20mm size):
 120kg

Temperature Performance:
 -15°C to +70°C

Nominal Size	Part No	Dimensions			
		Reel Length (M)	OD (mm)	Min ID (mm)	Min inside Bend radius R (mm)
10	FSU10B	25, 50	10.0	6.8	30
12	FSU12B	25, 50	14.0	10.2	30
16	FSU16B	25, 50	17.0	13.0	40
20	FSU20B	10, 25, 50	21.5	16.9	45
25	FSU25B	10, 25, 50	26.0	21.1	55
32	FSU32B	10, 25, 50	34.0	28.1	60
40	FSU40B	10, 25	44.5	37.6	80
50	FSU50B	10	55.0	48.4	90
63	FSU63B	10	64.5	57.5	115
75	FSU75B	10	79.0	70.0	150

Compliance, Approvals & Accreditation;



EN 61386 Classification Available on request

Russian Fire Safety Certificate No. 1374363

Typical Applications;



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; Sarah Lee - Marketing Assistant	Approved by; Ian Gibson - Technical Director	Date; November 2016	Page Number; Page 1 of 2
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Technical Properties - Fire Performance - Test Performance	
Detail	Rating
Self Extinguishing to EN 61386-1 (BSI Report No. 2381/7847798)	Yes
Highly Flexible	Yes
High Tensile strength and does not extend	Yes
Temperature Range	-15° to + 70 ° C
Ingress protection with M,S,P or F type fittings	IP54
Ingress protection with C or C90 fittings	IP65
High Mechanical Strength	Yes
Compression strength kg/100 mm for 20 mm size	350 kg
Pull-off strength kg 20 mm	120 kg
Russian Fire Safety Certificate No. 1374363	Yes
UV Resistant (Black) (UL Report No. 13CA50836)	Yes

Other Variants Available:



LFHU

Construction: Galvanised steel, helically wound, flexible steel conduit with Low Fire Hazard (LFH) coating. Colour black.

Typical Applications: Public and commercial buildings and tunnels.



FNU

Construction: Galvanised steel, helically wound, flexible steel conduit with elastomeric nylon coating. Colour black.

Typical Applications: Demanding applications requiring higher temperatures or solvent and abrasion resistance.



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