

Technical Data Sheet:	DS021/0716
Product Description	Pliable corrugated galvanised steel with kraft paper lining and smooth PVC outer cover
Product Range	FLP - Metallic Pliable Conduits

FLEXICON

FLEXIBLE CONDUIT SOLUTIONS

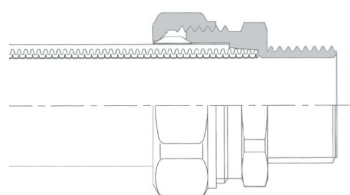
Roman Way, Coleshill
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FLP Conduit



FLP Conduit with C Type fitting

Material;
Galvanised Steel with kraft paper lining and smooth PVC outer cover

Colour:
Black (UV Resistant)

Fire Performance:
Self Extinguishing

IP Rating:

- IP66, IP67 with C-Type fitting
- IP66, IP67, IP68 (5 bar), IP69 with C-HS Type fitting

Applications:
Any applications where there is no movement and a high IP rating is required.

Provides excellent EMC screening performance.

Compression Strength:
300kg/100mm (20mm size)

Pull-off (Tensile) strength :
50kg with C-Type
100kg with C-HS Type (20mm size)

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

Nominal Size	Part Number	Dimensions and Mechanical Properties			
		Reel Length (m)	OD (mm)	ID (mm)	Minimum Bend Radius (mm)
16	FLP16B	25	17.8	11.6	35
20	FLP20B	10,25,50	21.0	14.6	35
25	FLP25B	10,25,50	27.3	20.4	45
32	FLP32B	10,25	34.0	26.7	55

Compliance, Approvals & Accreditation;



IEC EN 61386

EN 61386 Classification Available on request

Vibration and Shock resistant to EN 61373 Cat 2

Lloyds Register of shipping Type Approved

Russian Fire Safety Certificate No. 1374363

Typical Applications;



Construction



Rail



Marine

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 Currall - Marketing Assistant	Approved by: Ian Gibson - Technical Director	Date: July 2016	Page Number: Page 1 of 2
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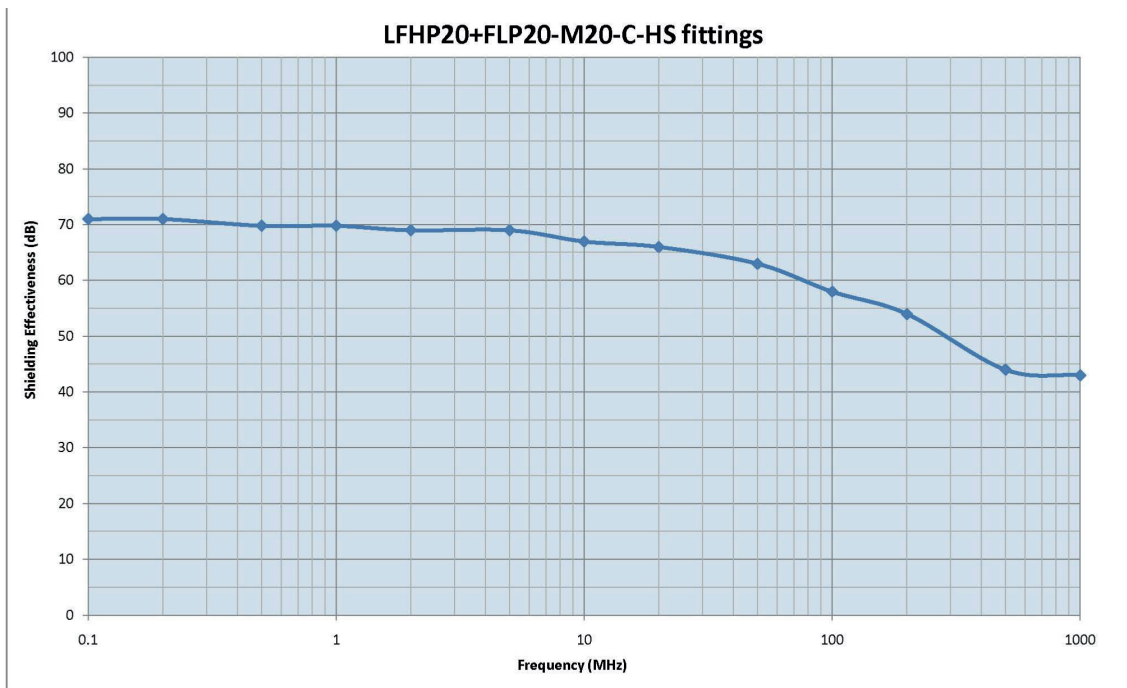
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Technical Properties - Fire Performance - Test Performance	
Detail	Rating
Compression Strength Kg/100mm for 20mm size	300
Tensile Strength with C-type fitting (Kg for 20mm size)	50
Tensile Strength with C-HS fitting (Kg for 20mm size)	100
Temperature Range	-15°C to +70° C
IP Rating with C type fittings	IP66 & IP67
IP Rating with C-HS fittings	IP66, IP67, IP68 (5Bar), IP69
UV Resistant	Yes
Vibration and Shock resistant to EN 61373 Cat 2 (TUV Report 75908286)	Yes
EMC screening @ 1Mhz with C and C-HS type fittings	70dB
Lloyds Register Type Approval	Yes
Self Extinguishing to EN 61386-1 (BSI Report No. 2381/7847798)	Yes
Russian Fire Safety Certificate No. 1374363	Yes



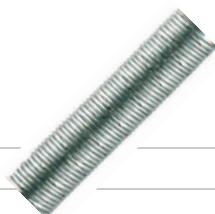
Other Variants Available:



FL

Construction: Corrugated galvanised steel with kraft paper lining. Colour, zinc self colour.

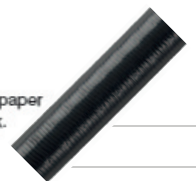
Typical Applications: Any installation where there is no movement.



LFHP

Construction: Corrugated galvanised steel with kraft paper lining and smooth extra LFH outer cover. Colour black.

Typical Applications: Any installation where there is no movement and a high IP rating is required.



Created by;
Sarah Currall - Marketing Assistant

Approved by;
Ian Gibson - Technical Director

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July 2016

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