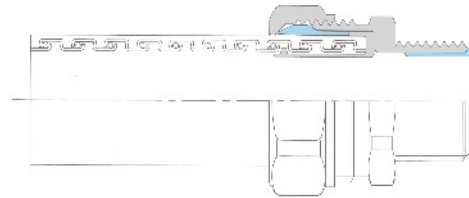


Technical Data Sheet:	DS016/0114
Product Description	Galvanised steel helically wound flexible conduit with smooth, oil resistant, black PVC coating.
Product Range	LTP - Metallic Conduits

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



LTP Conduit



LTP Conduit with C Type fitting

Material;
Galvanised Steel, helically wound flexible conduit with smooth, oil resistant, black PVC coating. Manufactured to American (UL360) sizes.

Colour:
Black

Note: Grey or orange available on request

Fire Performance:

Self Extinguishing

IP Rating:

• IP66, IP67, IP68 (5 Bar), IP69K

Applications:

Typically used for outdoor applications where liquid tight is a requirement.

Compression Strength (20mm size):
400kg/100mm

Pull-off (Tensile) strength (20mm size):
130kg

Temperature Performance:

-20°C to +105°C

Nominal Size	US Trade Size (Inches)	Part No	Dimensions			
			Reel Length (M)	OD (mm)	ID (mm)	Min Bend radius R (mm)
10	1/4"	LTP10*	50	11.8	7.0	35
12	5/16"	LTP12*	25, 50	14.2	10.0	40
16	3/8"	LTP16	10,25, 50	17.8	12.6	45
20	1/2"	LTP20	10,25, 50	21.1	16.0	65
25	3/4"	LTP25	10,25,50	26.4	21.0	100
32	1"	LTP32	10,25	33.1	26.5	135
40	1 1/4"	LTP40	10,25	41.8	35.4	175
50	1 1/2"	LTP50*	10,25	47.9	40.4	230
63	2"	LTP63*	10,25	59.7	51.6	280

* double interlock section

Compliance, Approvals & Accreditation;



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. 000166

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; Colin Legg - Marketing Manager	Approved by; Ian Gibson - Technical Director	Date; January 2014	Page Number; Page 1 of 2
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Product Description	Galvanised steel helically wound flexible conduit with smooth, oil resistant, black PVC coating.
Product Range	LTP - Metallic Conduits

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

Technical Properties	
Good Flexibility	Yes
High compression strength – kg /100mm for LTP20	400 kg
Tensile strength kg (LTP20)	130 kg
Temperature Range	-20° to + 105 ° C
Oil resistant	Yes
IP Rating – with Flexicon LTP fittings	IP66, IP67, IP68(5 bar), IP69K
Self extinguishing to EN 61386-1 (BSI Report No. 2381/7847798)	Yes
Conforms to EN 61386-2-3 (tested by BSI)	Yes
Lloyds register of shipping type approval	Yes
Vibration and Shock resistant to EN 61373 Cat 2 (TUV Report 75908286)	Yes
UV Resistant (Black & Grey) (UL Report No. 13CA50836)	Yes
Russian Fire Safety Certificate No. 000166	Yes

<u>Other Variants Available:</u>	
<p>LTPUL</p> <p>Construction: Galvanised steel, helically wound, flexible steel conduit including copper bonding strip (up to 32mm) with smooth pvc cover. Colour black.</p> <p>Typical Applications: As for LTP but where UL listing or CSA approval is required.</p> 	<p>LTPHC</p> <p>Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic rubber cover. Colour black.</p> <p>Typical Applications: Machine tools or outdoor installations where low or high temperature rating is required.</p> 
Created by; Colin Legg - Marketing Manager	Approved by; Ian Gibson - Technical Director
Date; January 2014	Page Number; Page 2 of 2