

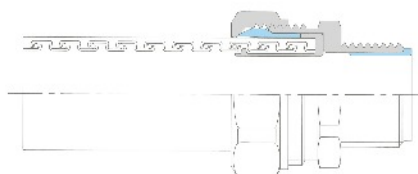
Technical Data Sheet:	DS017/0516
Product Description	Galvanised steel helically wound flexible conduit including copper bonding strip (3/8" to 1 1/4" sizes only) with smooth, black PVC cover.
Product Range	LTPUL - Metallic Conduits

FLEXICON
FLEXIBLE CONDUIT SOLUTIONS

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LTPUL Conduit



LTPUL Conduit with C Type fitting

Material;

Galvanised Steel, helically wound flexible conduit including copper bonding strip (3/8" to 1 1/4" sizes only) with smooth black PVC cover. Manufactured to American (UL360) sizes.

Colour:

Black

Fire Performance:

Self Extinguishing

IP Rating:

• IP66, IP67, IP68 (5 Bar), IP69K

Applications:

Typically used for outdoor applications where liquid tight is a requirement. Together with UL listing or CSA approval is required.

Compression Strength (20mm size):

500kg/100mm

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

160kg

Temperature Performance:

-15°C to +75°C

Nominal Size	US Trade Size (Inches)	Part No	Dimensions			
			Reel Length (M)	OD (mm)	ID (mm)	Min Bend radius R (mm)
16	3/8"	LTPUL16*	25	17.8	12.6	50
20	1/2"	LTPUL20*	25	21.1	16.0	90
25	3/4"	LTPUL25*	25	26.4	21.0	110
32	1"	LTPUL32*	15	33.1	26.5	140
40	1 1/4"	LTPUL40*	15	41.8	35.4	180
50	1 1/2"	LTPUL50	15	47.9	40.4	230
63	2"	LTPUL63	15	59.7	51.6	280

* incorporating copper bonding strip

Compliance, Approvals & Accreditation;



IEC EN 61386



EN 61386 Classification Available on request

Vibration and Shock tested to EN61373 Cat 2



Suitable for use in hazardous locations as per NEC

Class I Div. 2: Article 501.10 (B)(2) & 501.30 (B)

Class II Div. 1: Article 502.1 (A)(2) & 502.30 (B) Div. 2: 502.10 (B)(2)

Class III Div. 1: Article 503.10 (A)(2) & 503.30 (B) Div. 2: 503.10 (A)(2)

Typical Applications;



Machinery and OEM's



Rail



Marine

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Created by; Colin Legg - Marketing Manager	Approved by; Ian Gibson - Technical Director	Date; May 2016	Page Number; Page 1 of 2
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Technical Properties	
Detail	Rating
Good Flexibility	Yes
High compression strength – kg/100 mm for LTPUL 20	500 kg
Tensile strength (kg) for LTPUL 20	160 kg
Temperature Range	-15° to + 75 ° 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
UL Listed	Yes
CSA approved	Yes
UV Resistant and suitable for outdoor use	Yes

Other Variants Available:

LTPSS

Construction: Stainless steel (316), helically wound, flexible conduit with oil resistant and high temperature pvc smooth cover. Colour black.

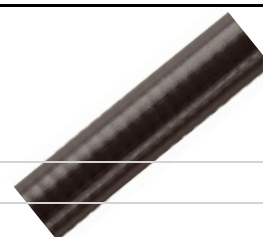
Typical Applications: Food processing machinery or outdoor applications where high corrosion resistance and liquid tight are a requirement.



LTPHC

Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic rubber cover. Colour black.

Typical Applications: Machine tools or outdoor installations where low or high temperature rating is required.



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