

## **Flexicon extends its liquid-tight conduit system range with UL and CSA certification**

Flexible conduit manufacturer, Flexicon has extended its flexible conduit system offer to include a new liquid tight flexible metal conduit (LMFC), which complies with UL and CSA standard UL360 / CSA C22.2 No. 56-17.

The new certification ensures that critical performance factors have been verified by the listing agency, with full transparency through the UL website and stringent periodic testing to verify that performance is maintained.

The conduit is compatible with Flexicon's range of LTP-CUL fittings, which are UL listed to UL514B and offer IP ratings of IP66, IP67, IP68 and IP69. This makes it ideal for applications requiring high levels of ingress protection – for example, in machine tool, industrial, rail, marine, defence, construction and outdoor applications requiring UL and CSA certification.

In addition, the ability to specify from one manufacturer for liquid-tight application requirements is of particular benefit, as it is the conduit-to-fitting interface that is critical in achieving and maintaining the IP rating.

The system offers high compression strength of 500 kg/100 mm and is suitable for use in hazardous locations. LTP-UL flexible conduit is manufactured with a galvanised steel core for high mechanical strength. It includes a UV, oil resistant and flame-retardant PVC jacket and a copper bonding strip on sizes up to 40 mm.

Available in sizes from 16 mm up to 63 mm, the newly extended range offers superior protection where conduit comes into direct contact with sunlight or exposure to harsh weather conditions.

It also offers excellent protection in outdoor environments, ranging from -40°C to +80°C in dry conditions with excellent flexibility.

Flexicon's LTP-CUL fittings are also suitable for use in hazardous locations in the USA and Canada for NEC Article 501 (B)(2) Class 1 Div. 2, Article 502 (A)(2) (B)(2) Class II Div. 1&2 and Article 503 (A)(2) & (B)(3) Class III Div. 1&2.

The LTP-CUL fitting is manufactured using nickel plated brass and provides a high tensile strength, is vibration and shock resistant to EN 61373 Cat 2 and is oil and corrosion resistant. It can also operate in temperatures ranging from -50°C to 135°C.

Supplied with a face-sealing washer and a locknut, it is available as a straight fitting in both metric and NPT threads, and as a 90° and 45° elbow in metric threads for conduit sizes from 16 mm to 63 mm.

Flexicon's LTP-CUL fittings, when used with LTP-UL liquid tight flexible conduits, provides the optimum solution and compliance for UL listed requirements.

For further information about the LTP-UL liquid tight flexible conduit and CUL fitting system please contact: Flexicon Ltd, Roman Way, Coleshill, Birmingham, B46 1HG. Telephone: 01675 466900. Email: [flexiconsales@atkore.com](mailto:flexiconsales@atkore.com). [www.flexicon.uk.com](http://www.flexicon.uk.com).

# Press Contacts

## **Flexicon Ltd**

Marketing Manager. Tel: 01675 466900. Email: [CLegg@atkore.com](mailto:CLegg@atkore.com)