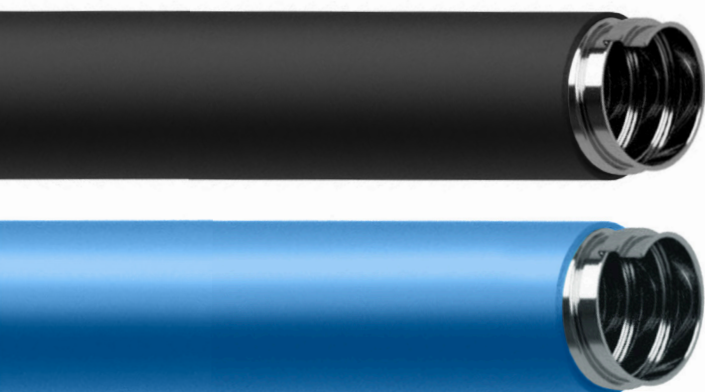


Type EXLHC & EXLLHC

High temperature, highly flexible conduit
Ex e LT metallic range



Liquid tight conduit with a high and low temperature resistant jacket and galvanized steel core for applications requiring very high flexibility at extremes of temperature.

Certifications / Standards:



Features & benefits:

- ATEX / IECEx approval
- High and low temperature resistant
- Galvanized steel core
- High flexibility and very high fatigue life
- Very high UV resistance (black), high resistance (blue)
- Available in black or blue

Applications:

- High and low temperature applications, where a high degree of flexibility is required.

Temperature range:

- Certified: -35°C to +105°C (-31°F to +221°F)
- Static applications: -65°C to +150°C (-85°F to +302°F)
- Moving applications: -45°C to +135°C (-49°F to +275°F), UL +70°C (158°F) Oil +105°C (221°F) Dry

Ingress protection:

For use with:

- Ex LT fittings for Ex e systems
- Combination Ex LT and HA-G1 fittings for Ex d e systems

UV Resistance:

- Very high

Material / Materials / Finishes:

- Galvanized steel core with thermo plastic Elastomer covering
- Cotton packed (03-07) & interlocked (08-09)
- Colour: Black (RAL 9005) or Blue (RAL 5015)

Conforms to:

- EN/IEC 60079-0, 60079-7, 60079-31
 - IEC 61386-1, 61386-23
 - UL1696
 - CE marked to Low Voltage Directive 2014/35/EU
- For use with Ex LT fittings and HA-G1:
- ATEX - Baseefa 15ATEX0175X
 - IECEx - IECEx BAS 15.0130X
 - Ex eb IIC Gb Ex tb IIIC Db
 - UL1696 - E135398

Degree of mechanical protection:

- Very high flexibility and fatigue life

Fire performance:

- Halogen free & self extinguishing

Chemical resistance:

- High chemical resistance levels

Product information

| Part no. Black | Part no. Blue | Conduit size | | Inside diameter A (mm) | Static bend radius B (mm) | Coil length (m) |
|-------------------|------------------|--------------|-----------------|---------------------------|------------------------------|--------------------|
| | | Metric (mm) | US Trade (Inch) | | | |
| EXLHC03* | EXLLHC03* | 16 | 3/8" | 12.5 | 45.0 | 10 / 30 |
| EXLHC04* | EXLLHC04* | 20 | 1/2" | 16.0 | 60.0 | 10 / 30 |
| EXLHC05* | EXLLHC05* | 25 | 3/4" | 21.0 | 75.0 | 10 / 30 |
| EXLHC06* | EXLLHC06* | 32 | 1" | 26.4 | 95.0 | 10 / 20 |
| EXLHC07* | EXLLHC07* | 40 | 1-1/4" | 35.3 | 150.0 | 10 / 20 |
| EXLHC08* | EXLLHC08* | 50 | 1-1/2" | 40.4 | 200.0 | 10 / 20 |
| EXLHC09* | EXLLHC09* | 63 | 2" | 51.6 | 280.0 | 10 / 20 |

* Add coil length to complete part number, e.g. 10 metres = EXLHC**10.
Compatible with: EXQ*, EXS*, EXR*, HA-G1 fittings.

