

TECHNICAL DATA SHEET

Type FLHC & FLLHC

High temperature, highly flexible conduit
Liquid Tight 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:

- 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:

- XQM, XQMS, XQAS, XQA, XRM, XSM, XSA & XMM series fittings - IP66 & IP67

UV Resistance:

- Very high

Material / Materials / Finishes:

- Galvanized steel core with thermo plastic Elastomer covering
- Cotton packed (03-06) & interlocked (07-09)
- Colour: Black (RAL 9005) or Blue (RAL 5015)

Conforms to:

- CE marked to Low Voltage Directive
- BSI Kitemark KM35161

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)			
FLHC03*	FLLHC03*	16	3/8"	12.5	45.0	10 / 30 / 50
FLHC04*	FLLHC04*	20	1/2"	16.0	60.0	10 / 30 / 50
FLHC05*	FLLHC05*	25	3/4"	21.0	75.0	10 / 30 / 50
FLHC06*	FLLHC06*	32	1"	26.4	95.0	10 / 20
FLHC07*	FLLHC07*	40	1-1/4"	35.3	150.0	10 / 20
FLHC08*	FLLHC08*	50	1-1/2"	40.4	200.0	10 / 20
FLHC09*	FLLHC09*	63	2"	51.6	280.0	10 / 20

* Add coil length to complete part number, e.g. 10 metres = FLHC**10.
 Compatible with: XQM, XQMS, XQAS, XQA, XRM, XSM, XSA, & XMM series fittings.

