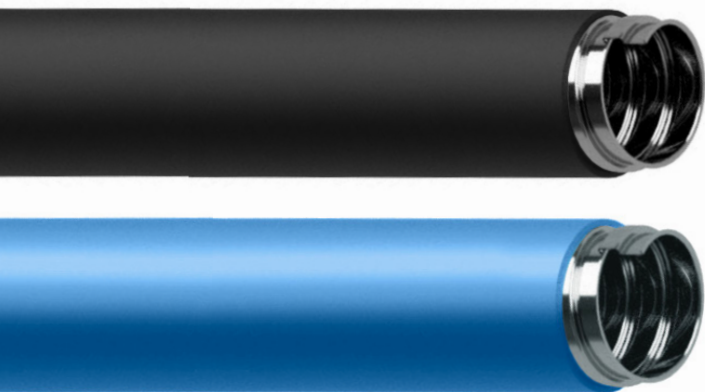# Type EXSHC & EXSLHC
High temperature, highly flexible conduit Ex e LT metallic range

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

Certifications / Standards:

Features & benefits:
• ATEX / IECEx approval
• High and low temperature resistant
• Stainless 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)

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

Conforms to:
• EN/IEC 60079-0, 60079-7, 60079-31
• IEC 61386-1, 61386-23
• 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

Degree of mechanical protection:
• Very high flexibility and fatigue life

Fire performance:
• Halogen free & self extinguishing

Chemical resistance:
• High chemical resistance levels

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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)			
EXSHC03*	EXSLHC03*	16	3/8"	12.5	45.0	10 / 30
EXSHC04*	EXSLHC04*	20	1/2"	16.0	60.0	10 / 30
EXSHC05*	EXSLHC05*	25	3/4"	21.0	75.0	10 / 30
EXSHC06*	EXSLHC06*	32	1"	26.4	95.0	10 / 20
EXSHC07*	EXSLHC07*	40	1-1/4"	35.3	150.0	10 / 20
EXSHC08*	EXSLHC08*	50	1-1/2"	40.4	200.0	10 / 20
EXSHC09*	EXSLHC09*	63	2"	51.6	280.0	10 / 20

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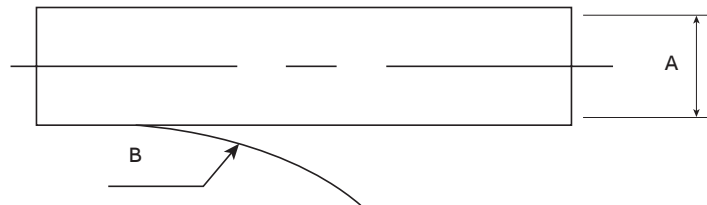Compatible with: EXQ*, EXS*, EXR*, HA-G1 fittings.

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