

Liquidtight flexible metallic conduit system

Certification and characteristics – Steel cores

General oil resistant — Galvanized steel core with a general purpose oil-resistant coating



Certification standard:
IEC 61386
Static Temp: -25 °C to +105 °C
Flexing Temp: -5 °C to +105 °C

Special characteristics:
Flame-retardant PVC covering
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLB0510

Low fire hazard – Galvanized steel core with an LFH coating

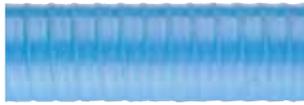


Certification standard:
IEC 61386
LUL fully compliant (E1042A6)
MOD to NES 518: Issue 3 DEF STAN 61-12 (Part 31) Issue 1
Static temp: -25 °C to +90 °C
Flexing temp: -5 °C to +90 °C

Special characteristics:
Limited fire hazard, zero halogen (BS6425 Pt 1)
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLT0510

High temperature – Galvanized steel core with a high temperature-resistant coating



Certification standard:
IEC 61386
Static temp: -50 °C to +130 °C
Flexing temp: -5 °C to +90 °C

Special characteristics:
Flame resistance: UL94 V2
Chemical and oil resistant
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLH0510

Low fire hazard with EMC protection – Galvanized steel core with a galvanized steel EMC shield and LFH covering



Certification standard:
IEC 61386
MOD to NES 518: Issue 3 DEF STAN 61-12 (Part 31) Issue 1
Static temp: -25 °C to +90 °C
Flexing temp: -5 °C to +90 °C

Special characteristics:
Limited fire hazard covering
EMC Screening level: 60 db at 1 MHz braided
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXBBT0510

High temperature highly flexible – Galvanized steel core with a high temperature, highly flexible coating



Certification standard:
IEC 61386
Static temp: -65 °C to +150 °C
Flexing temp: -45 °C to +135 °C

Special characteristics:
High flexibility
High temperature
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

Related products



Group I and II gland
pages E14–E15



Universal gland
pages E16–E17



90° Elbow gland
pages E14–E15



Group II gland
pages E14–E15

Liquidtight flexible metallic conduit system

Technical specifications – Steel cores

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63	
	US trade size (in.)	⅜	½	¾	1	1¼	1½	2	
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6	
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20	10/20
	General oil-resistant (black)	EXLB03*	EXLB04*	EXLB05*	EXLB06*	EXLB07*	EXLB08*	EXLB09*	

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63	
	US trade size (in.)	⅜	½	¾	1	1¼	1½	2	
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6	
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20	10/20
	Low fire hazard (black)	EXLT03*	EXLT04*	EXLT05*	EXLT06*	EXLT07*	EXLT08*	EXLT09*	

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63	
	US trade size (in.)	⅜	½	¾	1	1¼	1½	2	
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6	
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20	10/20
	High temperature (black)	EXLH03*	EXLH04*	EXLH05*	EXLH06*	EXLH07*	–	–	
High temperature (blue)	EXLB03*	EXLB04*	EXLB05*	EXLB06*	EXLB07*	–	–		

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63	
	US trade size (in.)	⅜	½	¾	1	1¼	1½	2	
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6	
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20	10/20
	Low fire hazard with EMC (black)	EXBBT03*	EXBBT04*	EXBBT05*	EXBBT06*	EXBBT07*	EXBBT08*	EXBBT09*	

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63	
	US trade size (in.)	⅜	½	¾	1	1¼	1½	2	
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6	
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20	10/20
	High temperature highly flexible (black)	EXLHC03*	EXLHC04*	EXLHC05*	EXLHC06*	EXLHC07*	EXLHC08*	EXLHC09*	

*Add coil length to complete part number, e.g. 10 metres = EXLHC0510

Note 1: In Canada, as per CEC Part I, trade size are respectively ⅜ (12), ½ (16), ¾ (21), 1 (27), 1¼ (35), 1½ (41) and 2 (53).

Liquidtight flexible metallic conduit system

Certification and characteristics – Stainless steel 316 cores

General oil resistant – Stainless steel 316 core with a general purpose oil-resistant coating



Certification standard:
IEC 61386
Static temp: -25 °C to +105 °C
Flexing temp: -5 °C to +105 °C

Special characteristics:
Flame-retardant PVC covering
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLB0510

Low fire hazard – Stainless steel 316 core with an LFH coating



Certification standard:
IEC 61386
LUL fully compliant (E1042A6)
MOD to NES 518: Issue 3 DEF STAN 61-12 (Part 31)
Issue 1
Static temp: -25 °C to +90 °C
Flexing temp: -5 °C to +90 °C

Special characteristics:
Limited fire hazard, zero halogen (BS6425 Pt 1)
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLT0510

High temperature – Stainless steel 316 core with a high temperature-resistant coating



Certification standard:
IEC 61386
Static temp: -50 °C to +130 °C
Flexing temp: -5 °C to +130 °C

Special characteristics:
Flame resistance: UL94 V2
Chemical and oil resistant
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLH0510

Low fire hazard with EMC protection – Stainless steel 316 core with a galvanized steel EMC shield and LFH covering



Certification standard:
IEC 61386, UL full compliant
MOD to NES 518: Issue 3 DEF STAN 61-12 (Part 31)
Issue 1
Static temp: -25 °C to +90 °C
Flexing temp: -5 °C to +90 °C

Special characteristics:
Zero halogen (BS6425 pt1) limited fire hazard covering EMC screening level: 60 db at 1 MHz braided
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

*Add coil length to complete part number, e.g. 10 metres = EXLB0510

High temperature highly flexible – Stainless steel 316 core with a high temperature, highly flexible coating



Certification standard:
IEC 61386
Static temp: -65 °C to +150 °C
Flexing temp: -45 °C to +135 °C

Special characteristics:
High flexibility
High temperature
Flame propagation:
Flame dies in less than 30 seconds after ignition source is removed

Related products



Group I and II gland
pages E14–E15



Universal gland
pages E16–E17



90° Elbow gland
pages E14–E15



Group II gland
pages E14–E15

Liquidtight flexible metallic conduit system

Technical specifications – Stainless steel 316 cores

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63
	US trade size (in.)	¾	½	¾	1	1¼	1½	2
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20
General oil-resistant (black)		EXSB03*	EXSB04*	EXSB05*	EXSB06*	EXSB07*	EXSB08*	EXSB09*

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63
	US trade size (in.)	¾	½	¾	1	1¼	1½	2
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20
Low fire hazard (black)		EXST03*	EXST04*	EXST05*	EXST06*	EXST07*	EXST08*	EXST09*

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63
	US trade size (in.)	¾	½	¾	1	1¼	1½	2
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20
High temperature (black)		EXSH03*	EXSH04*	EXSH05*	EXSH06*	EXSH07*	–	–
High temperature (blue)		EXSLH03*	EXSLH04*	EXSLH05*	EXSLH06*	EXSLH07*	–	–

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63
	US trade size (in.)	¾	½	¾	1	1¼	1½	2
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20
Low fire hazard with EMC (black)		EXSBBT03*	EXSBBT04*	EXSBBT05*	EXSBBT06*	EXSBBT07*	EXSBBT08*	EXSBBT09*

See note 1	Nominal conduit size (mm)	16	20	25	32	40	50	63
	US trade size (in.)	¾	½	¾	1	1¼	1½	2
	Inside diameter (mm)	12.5	16.0	21.0	26.4	35.3	40.4	51.6
	Type	Coil lengths (m)	10/30	10/30	10/30	10/20	10/20	10/20
High temperature highly flexible (black)		EXSHC03*	EXSHC04*	EXSHC05*	EXSHC06*	EXSHC07*	EXSHC08*	EXSHC09*

*Add coil length to complete part number, e.g. 10 metres = EXLHC0510

Note 1: In Canada, as per CEC Part I, trade size are respectively ¾ (12), ½ (16), ¾ (21), 1 (27), 1¼ (35), 1½ (41) and 2 (53).