



## EXLLH Conduit Galvanised Steel Core

- Description** - High temp flexible conduit for use in hazardous environments where a resistance to oils and other chemicals is required, coloured blue for specific use on intrinsically safe equipment
- Characteristics** - Flame Resistant  
UL94 V2  
Chemical and Oil Resistant
- Material** - Blue Flame Retardant High Temperature Covering  
Galvanised Steel Core with Cotton Packing  
Fully RoHS Compliant
- Intended Use** - Exe and Exd Zones 1, 2, 21, 22 and Class I Div II when used with HA Group1 Fittings EXLLH
- Compatible Products** - IP66 – Exd/Exe systems – Kopex-Ex HA Group 1 Barrier Glands Available in Brass, Nickel Plated Brass and 316 Stainless Steel
- Approvals** - IEC61386

**Temperature Rating**  
Static -50°C to +130°C  
Dynamic -5°C to +130°C

ORDERING CODES	EXLLH01*	EXLLH02*	EXLLH03*	EXLLH04*	EXLLH05*	EXLLH06*	EXLLH07*	EXLLH08*	EXLLH09*
CONDUIT SIZE	10	12	16	20	25	32	40	50	63
US TRADE	¼"	5/16"	3/8"	½"	¾"	1"	1 ¼"	1 ½"	2"
MINIMUM BORE (mm)	7.1	9.95	12.5	16.0	21.0	26.1	35.3	40.4	51.6
OVERALL DIAMETER (mm)	11.4	14.2	17.8	21.1	26.4	33.1	41.8	47.7	60.0
STATIC BEND RADIUS (mm)	45.0	50.0	50.0	80.0	110.0	145.0	180.0	240.0	345.0
AVERAGE WEIGHT (Kg/100m)	20.0	22.0	42.0	48.0	69.0	74.8	123.0	145.0	161.0

\*Add coil length to complete part number i.e. EXLLH0510

Test Type	Method/Standard	Value	Description
Compression Strength	IEC61386	4	Heavy 1250N
Impact Strength	IEC61386	4	Heavy 6J
Min Temp Static Bend	IEC61386	5	-50°C
Min Temp Dynamic Bend	IEC61386		-5°C
Max Temp	IEC61386	4	130°C
Bending Resistance	IEC61386	4	Flexible
Electrical Properties	IEC61386	2	Insulator
IP Rating Solids	IEC61386	6	Dust Tight
IP Rating Water	IEC61386	7	Watertight (1m for 30Mins)
Corrosion Resistance	IEC61386	0	Non Declared
Tensile Strength	IEC61386	4	Heavy 1000N
Flame Propagation	IEC61386	1	Non Flame Propagating
Load Capacity	IEC61386	5	Very heavy 850N

