

RANGE OVERVIEW

An extensive range of conduit and fittings suited to not just liquid tight applications but the most demanding environments.

All the conduits listed are fully flexible with exceptional mechanical strength. The selection includes standard and specialist conduit jackets with a full range of fittings to IP66 and IP67.

In addition is the ATEX Flameproof Gland for explosive atmospheres, suitable for use with any of the liquid tight conduits listed.

Conduits

- **LT-PVC**

A robust general purpose conduit with a high IP rating against dust and water when used with KF-F or KF-C connectors. Galvanised steel core with cotton packing and PVC covering.

- **RO-PVC**

Similar to LT-PVC conduit but with increased protection from dilute acids, alkalis, and hydro-carbon products.

- **LT-T**

A Low Fire Hazard variant which is **Fully Compliant with London Underground Ltd.** Galvanised steel core and Limited Fire Hazard Type T covering offering low toxicity and zero halogen.

- **UL / CSA**

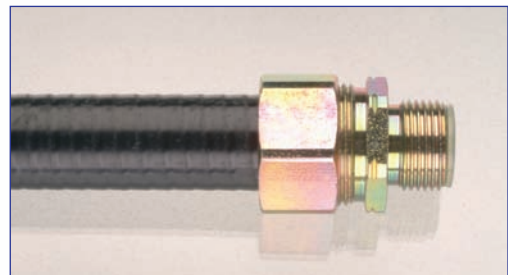
A dual listed conduit suitable for use in the USA and Canada. Use with KF-F connector. Galvanised steel with copper packing and PVC covering.

- **LT-H**

Galvanised steel core with cotton packing and chemical and oil resistant Type H covering. It has a wide operating temperature and is available in blue for intrinsically safe applications. Resistances include Skydrol aerospace oil.

- **LT-S**

A made to order conduit designed for MOD refurbishments and nuclear applications. Galvanised steel core with a low toxicity Limited Fire Hazard Type S covering.



Connectors

- **KF-F**

Multi-part connectors made from zinc plated mild steel and malleable iron. Suitable for use in industrial and Zone 2 applications.

- **KF-C**

One piece swivel connectors manufactured in zinc plated mild steel with PVC sleeve. Suitable for use in industrial and Zone 2 applications.

- **Gasket Assembly**

Accessory to the range for metric and NPT thread applications.

- **New ATEX Flameproof Gland**

The new ATEX Flameproof Glands are constructed from brass or stainless steel, with a nylon seal and epoxy resin. They provide an ideal solution for Ex II 2 GD gas and dust, EExd IIC and EExe II applications when used with liquid tight conduits.



Liquid Tight Flexible Metallic Conduit System

CONDUIT SELECTION

See pages 10 - 12 for suitable connectors



Liquid Tight Flexible Metallic Conduit System

						BRITISH CONDUIT SIZE (mm)		10	12	16	20	25	32	40	50	63
						US TRADE SIZE (INCHES)		1/4	5/16	3/8	1/2	3/4	1	1 1/4	1 1/2	2
						INSIDE DIAMETER (mm)		6.2	10.0	12.5	16.0	21.0	26.0	34.8	40.4	51.6



Liquid Tight Flexible Metallic Conduit System

CONNECTOR SELECTION
See pages 8 - 9 for suitable conduits



Liquid Tight Flexible Metallic Conduit System

Connector Description	Suitable Conduits & IP Rating	Approvals	BRITISH CONDUIT SIZE (mm)	10	12	16	16	20	25	32	40	50	63		
			US TRADE SIZE (INCHES)	1/4	5/16	3/8	3/8	1/2	3/4	1	1 1/4	1 1/2	2		
KF-F Straight	Straight male, steel/zinc plated 	LT-PVC RO-PVC LT-T UL/CSA LT-H LT-S	IP66 & 67	UL, CSA, SEMKO, NEMKO (16-40mm only)	Pack Quantity	25	25	25	25	25	10	5	5	2	1
					Thread Size - Metric (mm)	16	16	16	20	20	25	32	40	50	63
					Ordering Code	XQM0103	XQM0203	XQM0303	XQM0304	XQM0404	XQM0505	XQM0606	XQM0707	XQM0808	XQM0909
					Thread Size - PG	7	9	11	13.5	16	21	29	36	42	48
					Ordering Code	XQP0101	XQP0202	XQP0303	XQP0304	XQP0405	XQP0506	XQP0607	XQP0708	XQP0809	XQP0910
					Thread Size - NPT (in.)	-	-	-	1/2	1/2	3/4	1	1 1/4	1 1/2	2
					Ordering Code	-	-	-	XQA0304	XQA0404	XQA0505	XQA0606	XQA0707	XQA0808	XQA0909
KF-F 45°	45° male elbow, steel and malleable iron/zinc plated 	LT-PVC RO-PVC LT-T UL/CSA LT-H LT-S	IP66 & 67	UL, CSA, SEMKO, NEMKO (16-40mm only)	Pack Quantity	-	-	10	10	10	10	5	5	2	1
					Thread Size - Metric (mm)	-	-	16	20	20	25	32	40	50	63
					Ordering Code	-	-	XRM0303	XRM0304	XRM0404	XRM0505	XRM0606	XRM0707	XRM0808	XRM0909
					Thread Size - PG	-	-	11	13.5	16	21	29	36	42	48
					Ordering Code	-	-	XRP0303	XRP0304	XRP0405	XRP0506	XRP0607	XRP0708	XRP0809	XRP0910
					Thread Size - NPT (in.)	-	-	-	1/2	1/2	3/4	1	1 1/4	1 1/2	2
					Ordering Code	-	-	-	XRA0304	XRA0404	XRA0505	XRA0606	XRA0707	XRA0808	XRA0909
KF-F 90°	90° male elbow, steel and malleable iron/zinc plated 	LT-PVC RO-PVC LT-T UL/CSA LT-H LT-S	IP66 & 67	UL, CSA, SEMKO, NEMKO (16-40mm only)	Pack Quantity	-	-	10	10	10	10	5	5	2	1
					Thread Size - Metric (mm)	-	-	16	20	20	25	32	40	50	63
					Ordering Code	-	-	XSM0303	XSM0304	XSM0404	XSM0505	XSM0606	XSM0707	XSM0808	XSM0909
					Thread Size - PG	-	-	11	13.5	16	21	29	36	42	48
					Ordering Code	-	-	XSP0303	XSP0304	XSP0405	XSP0506	XSP0607	XSP0708	XSP0809	XSP0910
					Thread Size - NPT (in.)	-	-	-	1/2	1/2	3/4	1	1 1/4	1 1/2	2
					Ordering Code	-	-	-	XSA0304	XSA0404	XSA0505	XSA0606	XSA0707	XSA0808	XSA0909
KF-C Straight	Straight male, black PVC sleeve, steel/zinc body 	LT-PVC RO-PVC LT-T CSA LT-H LT-S	IP66 & 67	CSA, SEMKO, NEMKO (16-40mm only)	Pack Quantity	-	-	25	25	25	10	5	5	2	1
					Thread Size - Metric (mm)	-	-	16	-	20	25	32	40	50	63
					Ordering Code	-	-	XMM0303	-	XMM0404	XMM0505	XMM0606	XMM0707	XMM0808	XMM0909
					Thread Size - PG	-	-	11	13.5	16	21	29	36	42	48
					Ordering Code	-	-	XMP0303	XMP0304	XMP0405	XMP0506	XMP0607	XMP0708	XMP0809	XMP0910
					Thread Size - NPT (in.)	-	-	-	1/2	1/2	3/4	1	1 1/4	1 1/2	2
					Ordering Code	-	-	-	XMA0304	XMA0404	XMA0505	XMA0606	XMA0707	XMA0808	XMA0909

ACCESSORIES

GASKET ASSEMBLY

Pack Quantity	25	25	10	5	5	2	1
Thread Size - Metric (mm)	16	20	25	32	-	-	-
Ordering Code	XCMGA03	XCMGA04	XCMGA05	XCMGA06	-	-	-
Thread Size - NPT (in.)	-	1/2	3/4	1	1 1/4	1 1/2	2
Ordering Code	-	XCAGA04	XCAGA05	XCAGA06	XCAGA07	XCAGA08	XCAGA09



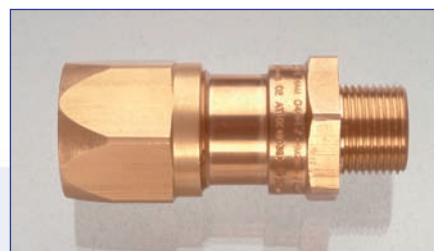
Liquid Tight Flexible Metallic Conduit System

ATEX FLAMEPROOF GLAND SELECTION

See pages 8 - 9 for suitable conduits



Constructed from either brass or stainless steel, with a nylon seal and epoxy resin, the ATEX FLAMEPROOF GLAND is high quality, high specification, ideal for Ex II 2 GD gas and dust, EExd IIC and EExe II applications. Use with any Kopex liquid type conduit (ordering codes beginning with F).



Material Connector Type Temperature Range Approvals

Brass (BS2874)

Straight, male

-60°C to +80°C (depending on conduit type)

Full BASEEFA certification to the requirements of EN50014:1997 + amendments 1 and 2, EN50018:2000, EN50019:2000 and EN50281-1-1:1998. BASEEFA certificated to Ex II 2 GD, EExd IIC & EExe II.

BASEEFA Certificate number 02ATEX0039X for use in Zone 1 (Gas) and Zone 2₁ (Dust) hazardous areas.

BRITISH CONDUIT SIZE (mm)		16	20	25	32	40	50	63	
US Trade Size (in.)		3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Suitable Conduits & IP Rating									
LT-PVC RO-PVC LT-T LFH UL/CSA LT-H LT-S LFH	IP66	Thread Size - Metric (mm)	20	20	25	32	40	50	63
		Ordering Code	HAM0304	HAM0404	HAM0505	HAM0606	HAM0707	HAM0808	HAM0909
		Thread Size - NPT (in)	1/2	1/2	3/4	1	1 1/4	1 1/2	2
		Ordering Code	HAA0304	HAA0404	HAA0505	HAA0606	HAA0707	HAA0808	HAA0909

Material Connector Type Temperature Range Approvals

316 Stainless Steel

Straight, male

-60°C to +80°C (depending on conduit type)

Full BASEEFA certification to the requirements of EN50014:1997 + amendments 1 and 2, EN50018:2000, EN50019:2000 and EN50281-1-1:1998. BASEEFA certificated to Ex II 2 GD, EExd IIC & EExe II.

BASEEFA Certificate number 02ATEX0039X for use in Zone 1 (Gas) and Zone 2₁ (Dust) hazardous areas.

BRITISH CONDUIT SIZE (mm)		16	20	25	32	40	50	63	
US Trade Size (in.)		3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Suitable Conduits & IP Rating									
LT-PVC	IP66	Thread Size - Metric (mm)	-	20	25	32	40	50	63
RO-PVC		Ordering Code	-	HAMS0404	HAMS0505	HAMS0606	HAMS0707	HAMS0808	HAMS0909
LT-T LFH									
UL/CSA		Thread Size - NPT (in)	-	1/2	3/4	1	1 1/4	1 1/2	2
LT-H		Ordering Code	-	HAAS0404	HAAS0505	HAAS0606	HAAS0707	HAAS0808	HAAS0909
LT-S LFH									