

Quick Selection Guide

Conduit Systems

	Product Section (Pages)	Flexible	Pliable	High Mechanical Strength	Oil and Chemical Resistant	Zero Halogen	Limited Fire Hazard	Flame Retardant	EMC Screening Level in dB at 1MHz	Abrasion Resistant	Static Temp. Rating °C	IP40	IP54	IP65	IP66	IP67	Approvals
LT-PVC	Liquid Tight (6 - 9)	✓		✓	✓			✓			-25°C to +105°C				✓	✓	BSEN 61386
LT-T		✓		✓		✓	✓	✓			-25°C to +90°C				✓	✓	BSEN 61386
UL/CSA		✓		✓	✓			✓			-25°C to +105°C				✓	✓	UL/CSA
LT-H		✓		✓	✓	✓		✓			-50°C to +130°C				✓	✓	BSEN 61386
KEU	KE Ultra (10 - 13)	✓		✓		✓	✓	✓			-50°C to +300°C	✓					BSEN 61386
KEBF		✓		✓				✓			-25°C to +70°C		✓	✓			BSEN 61386
KEBT		✓		✓		✓	✓	✓			-25°C to +90°C		✓	✓			BSEN 61386
LS1 Covered	Pliable (14 - 15)		✓	✓				✓	74dB		-40°C to +105°C				✓	✓	BSEN 61386
LS1 Type T			✓	✓		✓	✓	✓	74dB		-25°C to +90°C				✓	✓	BSEN 61386
Superscreen Type T			✓	✓		✓	✓	✓	106dB		-25°C to +90°C				✓	✓	BSEN 61386
Superscreen Type H			✓	✓	✓	✓		✓	106dB		-50°C to +130°C				✓	✓	BSEN 61386
KSU	Stainless Steel (16 - 17)	✓		✓	✓	✓	✓	✓		✓	-50°C to +350°C	✓					BSEN 61386
LT-H Stainless		✓		✓	✓	✓		✓			-50°C to +130°C				✓	✓	BSEN 61386
LT-T Stainless		✓		✓		✓	✓	✓			-25°C to +90°C				✓	✓	BSEN 61386
Premium Duty Nylon EPG	(18 - 19)	✓				✓	✓	✓			-40°C to +120°C				✓		BSEN 61386
Electroflex 150	Electroflex (20 - 21)	✓						✓			-20°C to +60°C			✓			
Electroflex 160		✓		✓				✓			-20°C to +60°C			✓			

For technical information please visit www.kopex.co.uk

KEU - Galvanised Steel



Certification & Characteristics

Certification Standard:
BSEN 61386

Temperature:
-50°C to +300°C

Flame Propagation:
Contains no flame propagating materials

Technical Specifications

British Conduit Size (mm)	10	12	16	20	25	32	40	50
Inside Diameter (mm)	7.0	10.0	12.9	17.0	21.1	28.4	36.4	48.2
Coil Lengths (m)	10/30	10/30	10/30	10/30/50	10/30/50	10/20	10/20	10/20
Self Colour	KEU01*	KEU02*	KEU03*	KEU04*	KEU05*	KEU06*	KEU07*	KEU08*

**Add coil length to complete part number e.g. 10 metres of KEU 10mm = KEU0110. ¹denotes standard PVC covering*

KEBF - PVC Covered Steel



Certification & Characteristics

Certification Standard:
BSEN 61386

Static Temp: -25°C to +70°C

Flexing Temp: -5°C to +70°C

Special Characteristics:
Flame retardant PVC covering

Flame Propagation:
Flame dies in less than 30 seconds

British Conduit Size (mm)	10	12	16	20	25	32	40	50
Inside Diameter (mm)	7.0	10.0	12.9	17.0	21.1	28.4	36.4	48.2
Coil Lengths (m)	10/30	10/30	10/30	10/30/50	10/30/50	10/20	10/20	10/20
Black	KEBF01*	KEBF02*	KEBF03*	KEBF04*	KEBF05*	KEBF06*	KEBF07*	KEB08* ¹

**Add coil length to complete part number e.g. 10 metres of KEU 10mm = KEU0110. ¹denotes standard PVC covering*

KEBT - Covered Steel



Certification & Characteristics

Certification Standard:
LUL Fully Compliant, for fixed locations and rolling stock
BSEN 61386

Static Temp: -25°C to +90°C

Flexing Temp: -5°C to +90°C

Flame Propagation:
Flame dies in less than 30 seconds

Special Characteristics:
Limited Fire Hazard, zero halogen (BS6425 Pt 1)

British Conduit Size (mm)	10	12	16	20	25	32	40	50
Inside Diameter (mm)	7.0	10.0	12.9	17.0	21.1	28.4	36.4	48.2
Coil Lengths (m)	-	-	10/30	10/30	10/30	10/20	10/20	-
Black	-	-	KEBT03*	KEBT04*	KEBT05*	KEBT06*	KEBT07*	-

**Add coil length to complete part number e.g. 10 metres of KEU 10mm = KEU0110. ¹denotes standard PVC covering*

KF-E Fixed - For uncovered conduit



Certification & Characteristics

Special Characteristics:
Can be zinc/nickel plated or brass/nickel plated

IP Rating & Suitable Conduits:
KEU - IP40

Connector Description:
Fixed straight male Metallic

British Conduit Size (mm)	10	12	16	16	20	25	32	40	50
Pack Quantity	25	25	25	25	25	10	5	5	2
Thread Size - Metric (mm)	-	-	16	20	20	25	32	40	50
Ordering Code	-	-	GFM0303	GFM0304	GFM0404	GFM0505	GFM0606	GFM0707	GFM0808
Thread Size - PG	7	9	11	-	16	21	29	36	-
Ordering Code	GFP0101	GFP0202	GFP0303	-	GFP0405	GFP0506	GFP0607	GFP0708	-

KF-E Fixed - For covered conduit



Certification & Characteristics

Special Characteristics:
Can be zinc/nickel plated or brass/nickel plated

IP Rating & Suitable Conduits:
KEBF & KEBT - IP54

Connector Description:
Fixed straight male Metallic

British Conduit Size (mm)	10	12	16	16	20	25	32	40	50
Pack Quantity	25	25	25	25	25	10	5	5	2
Thread Size - Metric (mm)	-	-	16	20	20	25	32	40	50
Ordering Code	-	-	GAM0303	GAM0304	GAM0404	GAM0505	GAM0606	GAM0707	GAM0808

KF-E Swivel - For covered conduit



Certification & Characteristics

IP Rating:
IP54

Suitable Conduits:
KEBF & KEBT

Connector Description:
Swivel straight male Metallic

British Conduit Size (mm)	10	12	16	16	20	25	32	40	50
Pack Quantity	25	25	25	25	25	10	5	5	2
Thread Size - Metric (mm)	-	-	16	-	20	25	32	40	50
Ordering Code	-	-	GBM0303	-	GBM0404	GBM0505	GBM0606	GBM0707	GBM0808