

## 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<br>(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<br>(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<br>(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<br>(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<br>(20 - 21)     | ✓        |         |                          |                            |              |                     | ✓               |                                   |                    | -20°C to +60°C         |                 |      | ✓    |      |      |            |            |
| Electroflex 160        |                              | ✓        |         | ✓                        |                            |              |                     | ✓               |                                   |                    | -20°C to +60°C         |                 |      | ✓    |      |      |            |            |

For technical information please visit [www.kopex.co.uk](http://www.kopex.co.uk)

## LT-PVC - General Flexible



### Certification & Characteristics

**Certification Standard:**

BSEN 61386  
**Static Temp:** -25°C to +105°C  
**Flexing Temp:** -5°C to +105°C

**Special Characteristics:**

Flame retardant PVC covering  
 Oil resistant

**Flame Propagation:**

Flame dies in less than 30 seconds after ignition source is removed

### Technical Specifications

| 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   |
| Coil Lengths (m)          | 10/30 | 10/30  | 10/30  | 10/30  | 10/30  | 10/20  | 10/20  | 10/20  | 10/20  |
| Black                     | -     | FLB02* | FLB03* | FLB04* | FLB05* | FLB06* | FLB07* | FLB08* | FLB09* |
| Grey                      | -     | -      | FLG03* | FLG04* | FLG05* | FLG06* | FLG07* | FLG08* | FLG09* |

\*Add coil length to complete part number e.g. 10 metres of LT-PVC 10mm in black is FLB0410

## LT-T - Limited Fire Hazard Flexible



### Certification & Characteristics

**Certification Standard:**

LUL Fully Compliant,  
 MOD to NES 518: Issue 3  
 DEF STAN 61-12 (Part 31)  
 Issue 1, BSEN 61386

**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

| 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   |
| Coil Lengths (m)          | 10/30 | 10/30 | 10/30  | 10/30  | 10/30  | 10/20  | 10/20  | 10/20  | 10/20  |
| Black                     | -     | -     | FLT03* | FLT04* | FLT05* | FLT06* | FLT07* | FLT08* | FLT09* |

\*Add coil length to complete part number e.g. 10 metres of LT-PVC 10mm in black is FLB0410

## UL / CSA



### Certification & Characteristics

**Certification Standard:**

UL, CSA,  
 UL File number E76358  
**Static Temp:** -25°C to +105°C  
**Flexing Temp:** -5°C to +105°C

**UL Rating:** -10°C to +60°C

**CSA Rating:** -10°C to +75°C

**Special Characteristics:**

Flame retardant PVC covering

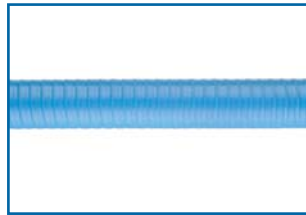
**Flame Propagation:**

Flame dies in less than 60 seconds after 3 applications, and ignition source is removed

| 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   |
| Coil Lengths (m)          | 10/30 | 10/30 | 10/30  | 10/30  | 10/30  | 10/20  | 10/20  | 10/20  | 10/20  |
| Black                     | -     | -     | FUB03* | FUB04* | FUB05* | FUB06* | FUB07* | FUB08* | FUB09* |
| Grey                      | -     | -     | FUG03* | FUG04* | FUG05* | FUG06* | FUG07* | FUG08* | FUG09* |

\*Add coil length to complete part number e.g. 10 metres of LT-PVC 10mm in black is FLB0410

## LT-H - High Temperature



### Certification & Characteristics

**Certification Standard:**

BSEN 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

| 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   |
| Coil Lengths (m)          | 10/30 | 10/30 | 10/30   | 10/30   | 10/30   | 10/20   | 10/20   | 10/20  | 10/20  |
| Black                     | -     | -     | FLH03*  | FLH04*  | FLH05*  | FLH06*  | FLH07*  | FLH08* | FLH09* |
| Blue                      | -     | -     | FLLH03* | FLLH04* | FLLH05* | FLLH06* | FLLH07* | -      | -      |

\*Add coil length to complete part number e.g. 10 metres of LT-PVC 10mm in black is FLB0410