

# **SAFE-D Fire-Rated Fixings: Cable Compatibility Guide**



















Having invented the first fire-rated clips that could be fixed to substrates or in PVC trunkings, D-Line acknowledge how cable management can literally be a matter of life and death in fire conditions, requiring an uncompromising approach to installations.

We offer innovative ranges made in the UK and fire-rated, to satisfy regulatory and best practice requirements. Our Safe-D range has been designed with technical features and installer benefits that deliver outstanding value and quality.

For specifiers, distributors, and installers, please use this Guide to identify the right Safe-D clip for your installation. Should you require any further information, please never hesitate to contact us. We'll always be delighted to be of service.

Best Always, D-Line Team



#### Safe-D Range

- Stag clips, single and twin
- Wrap and lock Conduit saddles
- Wrap and lock adjustable cable clips
- F-Clips
- U-Clips
- Spring Clips
- Retro Clips
- D-Fixing screws
- Drill bits
- T&E grip clips
- EV fixing packs



### **Stag Clips**

| D-Line Solution | Cable Diameter (mm) | Popular Cable Usages  | Partcodes  |   |
|-----------------|---------------------|---|--|---|
| 500             | 6-8mm single        | 1.5mm 2c+E FP<br>0.75mm 3183Y<br>0.75mm 3184Y<br>1mm 3182Y<br>1mm 3183Y<br>1mm 6242Y<br>1.5mm 6242Y   | SAFEDSTAG6S/50<br>SAFEDSTAG6SR/50<br>SAFEDSTAG6SB/50 | Galv Red Black  Black  Tath Edition Compliant |
| دسر             | 8-10mm single       | 1.5mm 2c+E Enhanced<br>2.5mm 2c+E FP<br>1.5mm 3c+E FP<br>1mm 4c+E FP<br>1.5mm 4c+E FP<br>1.5mm 4c+E Enhanced<br>2.5mm 2c+E Enhanced<br>1.5mm 3183Y<br>2.5mm 6242Y<br>1.5mm 3183AG | SAFEDSTAG8S/50<br>SAFEDSTAG8SR/50<br>SAFEDSTAG8SB/50 | Galv Red Black  18th Edition Compliant        |
| 50              | 6-8mm twin          | As single 6-8mm above, but all x2   | SAFEDSTAG6T/50<br>SAFEDSTAG6TR/50<br>SAFEDSTAG6TB/50 | Galv Red Black  18th Edition Compliant        |
| وسرة            | 8-10mm twin         | As single 8-10mm above, but all x2  | SAFEDSTAG8T/50<br>SAFEDSTAG8TR/50<br>SAFEDSTAG8TB/50 | Galv Red Black  Tath Edition Compliant        |

Caution; when containing mains cables in conduits and trunkings, 50% of internal capacity should be free for air circulation. Cable diameters can vary according to different manufacturers' tolerances. We advise checking cables for compatability.



# **Adjustable Cable Clips & Conduit Saddles**

| D-Line Solution | Cable Diameter | Popular Cable Usages   | Partcodes  |
|-----------------|----------------|--|--|
|                 | 10-17mm        | XLPE 1.5mm 2c, 1.5mm 3c, 1.5mm 4c, 1.5mm 5c / 1.5mm 7c XLPE 2.5mm 2c, 2.5mm 3c, 2.5mm 4c, 2.5mm 5c XLPE 4mm 2c, 4mm 3c 4mm 2c+E FP, 4mm 3c, 4mm 4c+E FP, 2.5mm 3c Enhanced, 2.5mm 4c Enhanced , 4mm 3c Enhanced, 4mm 4c Enhanced 4mm 3c SY 4mm 4c SY 4mm 5c SY | SD-CAB10/20 Galv<br>SD-CAB10B/20 Black Edition<br>Compliant  |
|                 | 16-21mm        | XLPE 1.5mm 12c XLPE 2.5mm 5c XLPE 2.5mm 7c XLPE 4mm 4c XLPE 6mm 4c XLPE 10mm 2c XLPE 10mm 4c XLPE 16mm 2c XLPE 25mm 2c ZLPE 25mm 2c ZLPE 25mm 2c   | SD-CAB16/20 Galv<br>SD-CAB16B/20 Black Edition<br>Compliant  |
|                 | 22-26mm        | XLPE 16mm 4c<br>XLPE 1.5mm 27c<br>25mm 3c XLPE<br>25mm 4c XLPE<br>25mm conduits, pipes & hoses   | SD-CAB22/20 Galv<br>SD-CAB22B/20 Black Edition   |
| P               | 20mm           | 20mm rigid conduits/pipes<br>(plastic and galvanised finish)   | SAFE-DCOND20/20 SAFE-DCOND20W/20 SAFE-DCOND20B/20  SAFE-DCOND20B/20  Black  18th Edition Compliant |
|                 | 25mm           | 25mm rigid conduits/pipes<br>(plastic and galvanised finish)   | SAFE-DCOND25/20 Galv White SAFE-DCOND25B/20 Black Edition Compliant                                |

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## **U-Clips & F-Clips**

| D-Line Solution | Popular Cable Usages  | Partcodes  |
|-----------------|---|--|
| 20mm 23mm       | 2x 1.5mm 2c+E FP Enhanced<br>2x 1mm 6242Y<br>2x 1.5mm 6242Y<br>2x 2.5mm 6242Y<br>2x 2.5mm 6242Y<br>2x 1.5mm 2c+E FP<br>2x 1mm 3182Y<br>2x 1mm 3183Y<br>Inside 25x16mm trunking; D-Line Mini 30x15mm trunking  | SAFE-D30/100  18th Edition Compliant                             |
| 20mm 31mm       | 10x 1.5mm 6242Y 6x 2.5mm 6242Y 5x 4mm 6242Y 4x 6mm 6242Y 2x 10mm 6242Y 2x 16mm 6242Y 6x 1.5mm 3c+E FP 5x 1.5mm 4c+E FP 6x 1.5mm 3c+E FP Enhanced 6x 1.5mm 3c+E FP Enhanced 6x 1.5mm 2c+E FP Enhanced 5x 2.5mm 2c+E FP Enhanced Inside 38mm or 40mm PVC trunkings; D-Line Maxi 50x25mm trunking 6x 1mm 3184Y 5x 1.5mm 3183Y 4x 1.5mm 3183Y 4x 1.5mm 3185Y 3x 2.5mm 3184Y 6x CW1308 1mm 10 PAIR 5x CW1308 1mm 10 PAIR 5x CW1308 1mm 12 PAIR 6x 1.5mm 3183AG 5x 1.5mm 3183AG 5x 2.5mm 3183AG 3x 2.5mm 3184AG 3x 2.5mm 3184AG 3x 4mm 3184AG | SAFE-D40/50  Redition Compliant                                  |
| 20mm 46mm       | 15x 1.5mm 6242Y<br>10x 2.5mm 6242Y<br>7x 4.0mm 6242Y<br>6x 6.0mm 6242Y<br>8x 1.5mm 2c+E FP Enhanced<br>8x 1.5mm FP 2c+E<br>8x 2.5mm FP 2c+E<br>Inside 50mm PVC trunkings  | SAFE-D50/50  18th Edition Compliant                              |
|                 | Capacity generally as U-Clip 30, 40, 50 & guides though differences are possible by alternative shaping possibilities.  Note F40 and F50 versions have lockable tabs, for added security.   | SAFEDFLCIP30/100 SAFEDFCLIP40/50 SAFEDFCLIP50/50 SAFEDFCLIP50/50 |

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### **Spring Clip & T&E Grip Clips**

| D-Line Solution           | Popular Cable Usages  | Partcodes                          |
|---------------------------|---|------------------------------------|
| 5mm<br>diameter<br>eyelet | 2x 1.5mm 2c+E FP 2x 1.5mm 2c+E Enhanced 2x 0.75mm 3183Y 2x 0.75mm 3184Y 3x 1.5mm 6242Y 2x 2.5mm 6242Y 2x 1.5mm 6243Y 1x 4mm 6242Y 1x 6mm 6242Y 3x 0.75mm 2182Y 3x 0.75mm 2183Y 3x 1mm 3182Y 2x 0.75mm 3183Y Inside 10mm or 16mm PVC trunkings | SAFEDSPRING/50  Redition Compliant |
|                           | 1x 1.5mm flat T&E   | SD-TE1.5/100  Redition Compliant   |
|                           | 1x 2.5mm flat T&E   | SD-TE2.5/100  Redition Compliant   |
|                           | 1x 4.0mm flat T&E   | SD-TE4.0/100  Redition Compliant   |
|                           | 1x 6.0mm flat T&E   | SD-TE6.0/100 Edition Compliant     |

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### Also Available



#### Safe-D D-Fixing screws

- Compliant with BS7671 and BS5839-1 requirement
- Non-corrosive finish
- No need for plastic wall plugs
- Excellent tensile strength, and pull-out load performance



#### Safe-D Retro Clips

- 5mm eyelet for screw-fixing make compliance visible
- Will not drop to cause potentially fatal cable entanglements
- Simply fit 1x screw via 5mm eyelet
- Labour saving 1 fixing only









| Product Code         | Number and nominal<br>CSA of conductors | Approx. overall diameter | D-Line Product    |
|----------------------|---|--------------------------|-------------------|
| EV-ULTRA3C4.0CAT5    | 3 x 4.0mm <sup>2</sup> + Cat5e FTP      | 14.8mm                   | EVFIX10B          |
| EV-ULTRA3C4.0CAT5SWA | 3 x 4.0mm <sup>2</sup> + Cat5e FTP      | 16.5mm                   | EVFIX10B/EVFIX16B |
| EV-ULTRA3C6.0CAT5    | 3 x 6.0mm <sup>2</sup> + Cat5e FTP      | 16.0mm                   | EVFIX10B/EVFIX16B |
| EV-ULTRA3C6.0CAT5SWA | 3 x 6.0mm <sup>2</sup> + Cat5e FTP      | 18.6mm                   | EVFIX16B          |
| EV-ULTRA3C710CAT5    | 3 x 10.0mm <sup>2</sup> + Cat5e FTP     | 17.6mm                   | EVFIX16B          |
| EV-ULTRA3C710CAT5SWA | 3 x 10.0mm <sup>2</sup> + Cat5e FTP     | 20.2mm                   | EVFIX16B          |
| EV-ULTRA3C716CAT5    | 3 x 16.0mm <sup>2</sup> + Cat5e FTP     | 20.0mm                   | EVFIX16B          |
| EV-ULTRA3C716CAT5SWA | 3 x 16.0mm <sup>2</sup> + Cat5e FTP     | 22.5mm                   | CAB22B            |
| EV-ULTRA5C6.0CAT5    | 5 x 6.0mm <sup>2</sup> + Cat5e FTP      | 17.9mm                   | EVFIX16B          |
| EV-ULTRA5C6.0CAT5SWA | 5 x 6.0mm <sup>2</sup> + Cat5e FTP      | 20.5mm                   | EVFIX16B          |
| EV-ULTRA5C710CAT5    | 5 x 10.0mm <sup>2</sup> + Cat5e FTP     | 19.8mm                   | EVFIX16B          |
| EV-ULTRA5C710CAT5SWA | 5 x 10.0mm²+ Cat5e FTP                  | 23.4mm                   | CAB22B            |

Use CAB10B 10>17mm cable dia Use CAB16B 16>21mm cable dia Use CAB22B 22>26mm cable dia

- Wrap & lock clips
- Tight fitment, stylish design
- No visible drill hole, hidden screw-fixing
- Secure screw fix, no wall plug required

### Screw-fix, locate cable, wrap & lock













