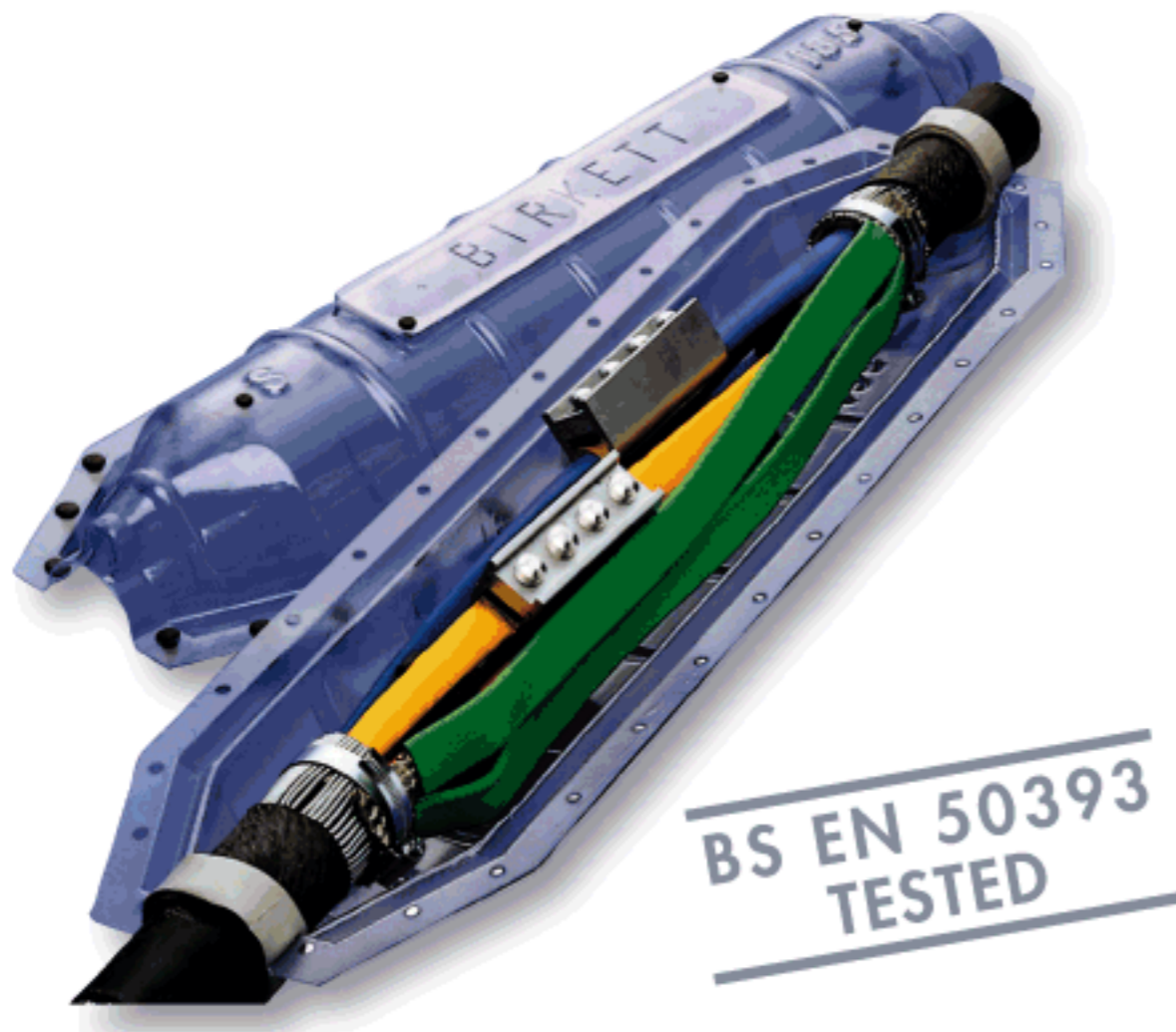


Birkett Resin Straight Joint Kits



Birkett's premium range of LV straight joints with transparent 2-part polyurethane resin mixing system which ensures safe handling, as tested by the Health & Safety Executive.

The largest and most versatile joint shells on the market, these joints are designed to enable core cross-over and can be used with both compression splices or mechanical core connectors, available as separate items.

- ▶ Tested to BS EN 50393
- ▶ High-performance 2-part polyurethane **Swishpak** resin system.

Supplied with armour wire continuity, suitable for use with the following LV cable types:

- ▶ EPR, XLPE, PVC or LSOH outer sheath types.
- ▶ Lead (Pb) sheathed & PILC cables (additional earthing required).
- ▶ Wire armour, waveform or braided armour cables.

Each kit comprises: two-part transparent mould, **Swishpak** resin pack/s, armour continuity braid, under-armour support rings, worm-drive clips, mastic tape and full installation instructions.

S95-S300 joints are also able to accept one service cable upto 35mm² 4core, although additional armour bonding will be required. S400 can accept two such cables.

600/1000v Selection Guide

Order Reference	Maximum Diameter	External Length	External Width	Resin Volume	600/1000v Selection Guide				3.3kV
					Single Core XLPE/AWA/LSF	Two Core XLPE/SWA/LSF	Three Core XLPE/SWA/LSF	Four Core XLPE/SWA/LSF	Three Core XLPE/SWA/LSF
S6	27.0	195.0	45.0		25-50mm ²	1.5-10mm ²	1.5-6.0mm ²	1.5-6.0mm ²	-
S10	33.0	210.0	61.0		50-70mm ²	16mm ²	10mm ²	10mm ²	-
S16	39.0	226.0	71.0		50-70mm ²	25mm ²	16mm ²	16mm ²	-
S25	39.0	256.0	71.0		70-95mm ²	35mm ²	25mm ²	25mm ²	25mm ²
S35	39.0	325.0	80.0		120-185mm ²	50mm ²	35-50mm ²	35mm ²	35-50mm ²
S50	48.0	400.0	90.0		240-400mm ²	70mm ²	70mm ²	50mm ²	70mm ²
S95	45.0	575.0	165.0		400-630mm ²	95-120mm ²	95mm ²	70-95mm ²	95mm ²
S120	53.0	630.0	190.0		800-1000mm ²	150-185mm ²	120-150mm ²	120mm ²	120mm ²
S185	62.0	735.0	210.0		-	240-300mm ²	185mm ²	150-185mm ²	150-185mm ²
S300	73.0	885.0	235.0		-	400mm ²	240-400mm ²	240-300mm ²	240-300mm ²
S400	80.0	960.0	295.0		-	-	-	400mm ²	400mm ²

All dimensions are in millimetres (mm)

Spare Resin Packs

The **Swishpak** system is also available as spare resin packs for instances where extra resin may be required, when jointing hugely dissimilar sizes or after on-site spillage.

Swishpak resin can also be used for the permanent filling of conduit boxes or other LV insulation purposes.

Available from stock in five volume sizes.

Order Reference	Pack Volume
ARB 1	250ml
ARB 2	500ml
ARB 3	1litre
ARB 4	2litre
ARB 5	3litre

