

LOW VOLTAGE CABLE JOINTS



Scotchcast™ Low Voltage Resin Splicing Kits up to 1.1kV - 82 Series

Stock No.	Description	Size
UE000156427	Scotchcast™ 82-A1 LT Epoxy resin splicing kit.	Cable 2.5-4mm ²
UE000156435	Scotchcast™ 82-A2 LT Polyurethane splicing kit.	Cable 6-16mm ²
UE000156443	Scotchcast™ 82-A3 LT Polyurethane splicing kit.	Cable 25-35mm ²



Features

- It utilizes a slim line mould with a two part amber transparent epoxy (82-A1) / Polyurethane (82-A2/3) resin with excellent chemical, mechanical and electrical properties.
- Resin stable up to 1100V : does not run once cured.
- Resin meets SABS 526 and SABS 150 standards. Kits meet VDE 0278, BS 6910 and are SABS Tested.
- Rated up to 1.1KV.
- Unaffected by solvents, ozone, UV light and moisture.
- Tried and tested in local environment for over 30 years.
- SABS performance test reports available on request.

Applications

- The Scotchcast™ 82 A Series Low Voltage Resin joints are designed to be used for multi-core non-shielded polymeric low voltage electrical cables.
- Suitable for indoor and outdoor applications.
- Suitable for underground and submerged applications. Ideal for borehole application where space is limited.

Scotchcast™ Low Voltage Resin Splicing Kits up to 1.1kV - 91 Series

Stock No.	Description	Size
UE000189436	Scotchcast™ 91-A1 LT Polyurethane resin kit.	(8mm - 28mm) 4-10mm ²
UE000189311	Scotchcast™ 91-A2 LT Polyurethane resin kit.	(14mm - 32mm) 16-25mm ²
UE000189428	Scotchcast™ 91-A3 LT Polyurethane resin kit.	(23mm - 39mm) 35-50mm ²
UE000189451	Scotchcast™ 91-A4 LT Polyurethane resin kit.	(28mm - 51mm) 70mm ²
UE444458611	Scotchcast™ 91-A4,5 LT Polyurethane resin kit.	(30mm - 55mm) 95mm ²
UE000189444	Scotchcast™ 91-A5 LT Polyurethane resin kit.	(45mm - 70mm) 120-150mm ²
UE100084842	Scotchcast™ 91-A6 LT Polyurethane resin kit.	(48mm - 86mm) 185-240mm ²
UE555571236	Scotchcast™ 91-A7 Cold Shrink.	(50mm - 100mm) 300mm ²

Features

- It utilizes a "burge" type mould with a two part clear Scotchcast 460M polyurethane resin with excellent chemical, mechanical and electrical properties.
- Resin stable up to 1100V Degree Celsius: does not run once cured.
- Resin meets VDE 0291-2 and Cenelec Pr HD 631, SABS 526 and SABS 150 standards. Kits meet VDE 0278, BS 6910 and are SABS Tested.
- Rated up to 1.1KV.
- Tried and tested in local environments for over 30 years.

Applications

- The Scotchcast™ 91 A Series Low Voltage Resin joints are designed to be used for multi-core non-shielded polymeric low voltage electrical cables.
- Suitable for indoor and outdoor applications.
- Suitable for underground and submerged applications.

Scotchcast™ Low Voltage Resin Splicing Kits up to 1.1kV - 91W Series

Stock No.	Description	Size
UE444446053	Scotchcast™ 91-A1/W.	(8mm - 28mm) 4-10mm ²
UE444446061	Scotchcast™ 91-A2/W.	(14mm - 32mm) 16-25mm ²
UE444446079	Scotchcast™ 91-A3/W.	(23mm - 39mm) 35-50mm ²
UE444446087	Scotchcast™ 91-A4/W.	(28mm - 52mm) 70mm ²
UE989899096	Scotchcast™ 91-A4/WE with earthing kit.	(28mm - 52mm) 70mm ²
UE444458629	Scotchcast™ 91-A4,5/W.	(30mm - 55mm) 95mm ²
XZ005704097	Scotchcast™ 91-A4,5/WE with earthing kit.	(30mm - 55mm) 95mm ²
UE444446095	Scotchcast™ 91-A5/W.	(45mm - 70mm) 120-150mm ²
UE555564447	Scotchcast™ 91-A5WE with earthing kit.	(45mm - 70mm) 120-150mm ²
UE444446111	Scotchcast™ 91-A6/W.	(48mm - 79mm) 185-240mm ²



Features

- Refer to 91 Series Splicing Kits.
- Utilizes a flame retardant resin and mould.
- Unaffected by solvents, ozone, UV light and moisture. Resin is highly hydrolytically stabilized with low exothermic temperatures.
- Tried and tested in local environment for over 30 years.
- SABS performance test reports available on request.

Applications

- The Scotchcast™ 91 A W Series Low Voltage Resin joints are designed to be used for multi-core non-shielded polymeric low voltage electrical cables.
- Specifically designed for indoor and outdoor applications in environments that require maximum flame redundancy.
- Suitable for underground and submerged applications.