



**THORNE &
DERRICK
INTERNATIONAL**

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3M Scotchcast™

**Resin Kit 91-AV Series
Inline Resin Splice & Repair Kit with Scotchcast™ 2131**

Applicati

3M Scotchcast™ resin repair kits 91-AV are designed to be used for multi core non shielded polymeric portable low voltage energy cables. The splice and repair kits are based on Scotchcast™ 2131 Resin for toughness, flexibility, moisture sealing, and flame retardancy. The installed splices are designed for use in weather exposed, direct burial, or submerged locations.

Features

- Resin 2131 in transparent two chamber bags.
- Two part Mould Body with Closure Clip for quick and easy handling.
- Semi flexible resin compound allows the permanent splice to flex and bend with the cable for installation, handling, reeling, etc.
- Smooth tapered splice profile eliminates cable hang ups and splice end lifting.



Product Selection

Kit Reference	Cable Diameter Range
91-AV120	18 – 26
91-AV130	25 – 30
91-AV140	29 – 34

Kit content

- Mould body with closure clip
- Scotchcast™ 2131 resin bag
- Spacer Tape
- Scotch™ 23 self amalgamating tape
- Scotch™ 33+ Vinyl tape
- CC3 Cable cleaning pad
- Abrasive strip
- Disposable gloves
- Detailed installation instruction

Product Description

3M™ Scotchcast™ resin splice and repair kits will be delivered with a two part mould body with closure clips for simple and easy handling.

All necessary dimensions, like application range, cable preparation are given in the detailed instruction.

The resin 2131 is delivered in two chamber bag and aluminium Guard Bag for protection against humidity.

After the seam of the two chamber bag is opened, the resin components can be mixed.

To pour the resin into the mould body, the bag has to be cut open to pour the resin.

To provide resin handling without any skin contact, disposable gloves according to EN394 are provided with the kit.

After curing, any remaining resin in the bag can be disposed of easily as household waste.

Storage

3M™ Scotchcast™ Resin 2131 has a shelf life of at least 36 months when stored between 10°C and 40°C with humidity level < 75 % in the originally sealed bag.

The expiration date of each product appears on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, it is the responsibility of the user to determine applicability of the resin.

Safety and Handling

3M provides its customers with a product specific Material Safety Data Sheet (MSDS) to cover potential health effects, safe handling, storage, use and disposal information. 3M strongly encourages its customers to review the MSDS on its products prior to their use.

Product Stewardship

3M has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis of our philosophy and policies by which we assess the health and environmental information on our products and then take the appropriate steps to protect employee, the public health and the environment.

Customer Notice

3M encourages its customers and potential users of 3M products to review their applications for such products from the standpoint of human health and environmental quality. To help ensure that 3M products are not used in ways for which they were not intended or tested. 3M personnel are available to assist customers in dealing with ecological and product safety considerations. Your 3M sales representative can arrange for the proper contacts.

Regulatory Status

The 2131 Resin is in compliance with EU regulation 1907/2007/EC (REACH)

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