

3M Scotchcast™

T-Branch Resin Kit with Resin 40 for High Humidity, Weather Exposed Areas and/or Cathodic Protection: LVBT-2/1

Application

3M™ Scotchcast™ resin T-Branch kit LVBT-2/1 is designed to be used for single, and multi core un-armoured, polymeric, low voltage energy cables up to 600V. The joint is also suitable for use with single core cables up to 5kV when used with the appropriate connector.

The application incorporates electrical insulation and mechanical protection of joints with compression or mechanical connectors. It can be used for indoor and outdoor, and buried applications with high humidity or weather exposure.

Features / Kit Contents

- Resin 40 in transparent two chamber bags with integrated Closed Mixing system
- Two part (upper and lower) mould shelves with Snap Fit closing system for quick and easy handling
- Transparent Mould Body for easy control of connector distances in the joint
- Pouring funnel for easy resin pouring into the mould
- Closure plug to prevent pollution
- Detailed installation instruction

Product Description

3M™ Scotchcast™ joint LVBT-2/1 will be delivered with two part (upper and lower) transparent mould shelves for simple and easy handling. Distances inside the body can be checked easily. All necessary dimensions, application range, and cable preparation details are given in the instruction.

The resin 40 is delivered in two chamber bag with integrated spout and aluminium Guard Bag for protection against humidity. The re-openable seam and integrated spout with a membrane provides a closed mixing system.

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

Product Selection

| Part Number | Main Cable OD Accommodated | Branch Cable OD Accommodated |
|-------------|----------------------------|------------------------------|
| LVBT-2/1 | 12.7 – 20.5mm | Up to 9.5mm |

Usage Information

The 40 resin will be supplied, in two-chamber plastic pouches with peelable barrier in the correct stoichiometric proportion. This type of packaging will assure the correct mixing ratio for applying the resin.

For other information, relevant for the usage of the resin, like Gel-Time, Pot-Life, viscosity, density etc. please see the relevant Data Sheet.

Storage

3M™ Scotchcast™ Resin 40 has a shelf life of at least 36 months when stored between 10°C and 40°C with a 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 40 Resin is in compliance with EU regulation 1907/2007/EC (REACH)

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