

Splicing Materials

Fenner Dunlop splicing materials & splicing kits

The weakest point of any rubber conveyor belt is the splice joint. If the splice joint is not sufficiently strong and durable then failure can be catastrophic. To achieve the best operational results it is essential that the splicing material rubber has very similar physical properties and characteristics compared to the rubber used to make the belt itself including the outer cover rubber and the skim (inter-ply) rubber. This is because each rubber-based component has very specific properties applicable to its function.



Splicing materials must also be a compatible match with the base belt being spliced. This is vital in order to ensure that the most efficient bond possible with good adhesions on both carcass and the transition to the base belt is created. These objectives are usually best achieved by using splicing materials supplied by the original manufacturer of the belt.

In order to help our customers achieve the strongest, most reliable splice joints, we supply a wide range of high performance splicing materials and splicing kits. A virtually unique feature of the Fenner Dunlop range is that it has been developed by the same engineers and technicians who developed the conveyor belts that they are designed to be used on. This means that Fenner Dunlop splicing materials and kits are as close to the perfect match that it is possible to achieve. The result is optimum performance in terms of adhesion, dynamic life and efficient application.

- **Dundisol** hot vulcanization solution provides the best possible tack characteristics during the assembly of the splice and excellent adhesion levels in combination with Dunlofol once vulcanised.
- **Dunlofol** uncured inter-ply rubber is designed for use on the 'steps' of the splice to rebuild the belt carcass.
- **Duncover** uncured cover rubber is for use on the top and bottom of the splice to rebuild the belt's cover area.
- **Uncured rubberised fabrics** can be provided for use as reinforcements in heavy duty / high tensile splices, for making 'spot repairs' and for speciality splices such as UsFlex and Ultra X finger splices.

Fenner Dunlop splicing kits

Fenner Dunlop supply full splicing kits containing everything necessary to create strong and durable splice joints for a wide range of cover qualities including abrasion, heat, fire and oil resistant versions and different belt types such as UsFlex and Ferroflex. The kits also contain some basic tools for single use purposes. The range also includes standard and pre-formed splicing kits for steelcord belting and complete finger splice kits for both Ultra X1 and X3 belting. All splicing materials and kits can be ordered in bulk quantities.



Learn
more about
**Fenner Dunlop Splicing
Materials & Splicing Kits**

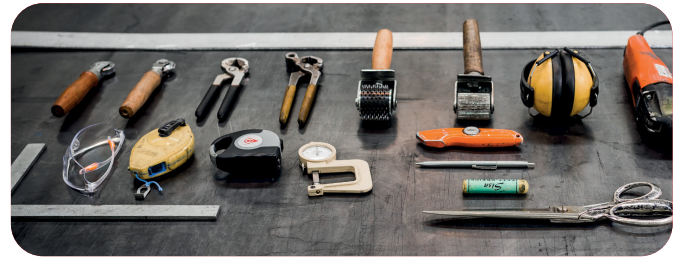


Fenner Dunlop – The safest splicing materials you can use

Nobody in our industry works so physically close to rubber conveyor belts than splicing technicians. Yet another virtually unique advantage of using Fenner Dunlop splicing materials is that they are compliant with REACH (Registration, Evaluation and Authorisation of Chemical substances) regulation EC 1907/2006. These regulations stipulate that all European manufacturers are legally obliged to comply with the regulations relating to chemicals, preparations (mixtures) and substances used to create their finished products. The European Chemicals Agency (ECHA) based in Helsinki is the central point in the REACH system. At Fenner Dunlop, we see REACH compliance as a vital consideration for anyone responsible for the welfare of those who use splicing materials as part of their daily function.

Finger splicing tools and materials

At Fenner Dunlop we are great believers in the use of a finger splice joint because it retains up to 90% of the tensile splice strength compared to the step splice method, which always creates a proportional loss of tensile strength equivalent of one ply. To help achieve the best finger splice joints we supply a range of professional quality finger splicing tools including templates, edge bar sets and belt skiver sets as well as complete tool kits



SPLICING EQUIPMENT & ACCESSORIES

Professional splicers need professional equipment. Here at Fenner Dunlop we can supply a comprehensive range of accessories and equipment including hand tools, siliconised paper, fasteners and mould plates.

Fenner Dunlop splice services

Fenner Dunlop provides a full range of high-quality splicing services. We also supply 'endless' belts for a wide range of plant and machinery. All Fenner Dunlop endless belting is produced by highly trained Fenner Dunlop personnel working in our European Fenner Dunlop facilities using the most up-to-date technology and top-quality Fenner Dunlop splicing materials and splicing presses. Unlike rival manufacturers, the work is not sub-contracted out to third parties. We control the quality of the belts that we deliver to our customers from beginning to end. Splicing is also carried out by our network of wholly owned Fenner Dunlop Service centres, who, in addition to on-site splicing, also provide splice supervision, training, and on-site labour assistance. All of this is supported by our excellent network of officially approved Fenner Dunlop Service Partners. To help achieve the best finger splice joints, we supply a range of professional quality finger splicing tools, including templates, edge bar sets, and belt skiver sets, as well as complete tool kits.

Splice training

The Fenner Dunlop Academy of Excellence can provide on-site splice training for customers located all over the world. For more information on this service please speak to your usual Fenner Dunlop contact.

We are here to help

When you buy from Fenner Dunlop you get more than just top quality products because Fenner Dunlop provides an unrivalled level of technical support and guidance. This is delivered by one of the largest, most experienced and highly trained teams of engineers and technical specialists in the conveyor belt industry. A range of professional quality finger splicing tools including templates, edge bar sets and belt skiver sets as well as complete tool kits.



All data and recommendations in this brochure have been supplied to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. Some products may have been rendered obsolete in the light of more recent technological developments. We cannot accept any responsibility for recommendations based solely on this brochure.

Head Office, The Netherlands

+31 (0) 512-585-555

info@dunlopcb.com

www.fennerdunlopemea.com