

General Terms of Use for Sempertrans Conveyor Belts

1. General

This General Terms of Use (“GTU”) sets out general information on our products as well as instructions on how to safely handle conveyor belting products purchased from and produced by Sempertrans (“ Goods”). The GTU provides instructions for the different phases of the Goods’ life. Any and all handling of the Goods by the Customer and other users must be in accordance with these GTU and the Sempertrans Belt Storage and Handling Guideline (available [HERE](#)). In addition Customers and other users shall comply with all applicable local laws and regulations when using our products.

These general terms of use are valid only for the Goods as set out above. Technical limits herein may be exceeded by the use of special constructions or rubber compounds not in line with this GTU or the Goods. For any questions on the Goods’ design and application, please contact the Sempertrans’ Global Application Engineering Department through the designated Sempertrans representative, contact details on www.sempertrans.com or sempertrans@semperitgroup.com.

There are certain dangers, hazards, and risks inherent in the use of the Goods. This GTU serves merely as a guideline. For any questions or uncertainties, please consult an expert. Further, irrespective of these GTU, only qualified individuals who have had specialized training to use conveyor belts should handle the Goods. Sempertrans is not to be responsible for any injury, damage, loss accident, or delay, which may be caused by use of the Goods.

In the event of any deviation from the below instructions, please contact Sempertrans or an expert before handling the Goods.

We reject any liability for damages, safety issues or other consequences due to improper product choice, maintenance or handling or usage not in compliance with these GTU.

2. Transportation and Storage of the Goods

Transportation and storage of the Goods should be made in accordance with the Sempertrans Belt Storage and Handling Guideline (available [HERE](#)) and ISO 5285:2012 (Conveyor Belts – Guidelines for Storage and Handling). Following those guidelines will ensure the best conditions for reducing the effect of ageing. Still it is a normal phenomenon for elastomer based Goods to deteriorate with age so Sempertrans shall not accept technical comparisons that are made between finished Goods and those that have aged. All technical values quoted are based on new conveyor belt samples, taken at the point of manufacture.

3. Product Surface

During the manufacture of the Goods, several types of release agents may be used, some of which can have an impact on the surface appearance of the Goods. Most of the Goods are produced with wafer-thin spunbound fabrics that are put between mold plates and the belt. This allows the best surface condition for the Goods and also the best optical appearance. These spunbound fabric filaments usually come off in the first weeks of operation without impacting performance of the Goods. The second most widely used option is silicon paper. The use of silicon paper is state of the art but can lead to small silicon paper imprints, which result from small folds of the silicon paper during the curing process. These imprints cannot be avoided but have no negative impact on the performance of the Goods.

Sempertrans ensures ideal Goods’ performance through a constant quality inspection of the Goods once they are manufactured. During this quality inspection, irregularities, may be repaired or evened out by buffing / polishing, to ensure the best performance, leaving these areas visible until the Products are in operation. After rework, these areas provide the same performance as the other sections of the Goods.

Sempertrans pipe conveyor belt (Transpipe) covers ensure the best ozone resistance to achieve the longest service life of the Goods. Ozone-protection-waxes are designed to migrate to the surface for protection. These might cause a wafer-thin white layer on the surface, which is noticeable especially after storage. This is by design and does not impact the performance of the Goods.

4. Installation and replacement of the Goods

Every tool that is used for the installation and/or replacement of the Goods (e.g. steel structure, drive(s), brake(s) or winders (wind, or unwind)) must be able to support the expected forces from such installation and/or replacement. The buyer of the Goods is responsible for ensuring that a proper calculation of the forces is made, and the proper tools are used before installation and replacement of the Goods can take place.

The Goods must be under constant control when it is being installed and/or repaired. There should be no uncontrolled movements such as slipping. Devices that are used to keep the belt in a certain position (e.g. clamps) during the installation and/or replacement of the Goods must be able to support the expected forces from such installation and/or replacement. These devices may not be used for decelerating or lowering the conveyor belt as it would result in uncontrolled movements.

When lifting the Goods during installation and/or repair, the devices used to lift the Goods must be able to support the elevation of the Goods safely. Winches, cords, sheaves, and other handling devices used on the Goods must be carefully selected in accordance with the needs of the Goods and used. When selecting such handling devices, the operator must take into consideration the expected loads and the ability for such devices to handle such expected loads.

Loose belt ends are a hazard as they can result in injuries or damage to the steel structure. Accordingly, the ends of the Goods must always be protected and/or monitored.

5. Splicing and Splicing Materials

Sempertrans' original splicing materials should be used in accordance with the latest versions of ISO 15236-4 or DIN22102-3 when splicing the Goods. Sempertrans Splicing Instructions that are issued and adapted for certain projects supersede the use of the aforementioned standards and are also available on request. Use of a third-party splice kit or splicing diagram is done at the user's own risk and should be consulted in advance with an expert to ensure compatibility.

Sempertrans' splicing materials must be stored and used according to the Storage and Handling Of Uncured Splice and Repair Material For Conveyor Belting (available [HERE](#)) as well as the rules set out by local laws. Once the splicing material has expired, such material may not be used for splicing and must be disposed by a professional service provider.

Sempertrans' splicing materials are marked clearly. They are labelled and in different colors to facilitate use. In case of any questions, please consult an expert or contact Sempertrans.

Sempertrans is not responsible for any injury, damage, loss accident, or delay, which may be caused by use of Sempertrans' splicing materials or use of splices outside of Sempertrans' complete sphere of responsibility.

6. Goods' Operation

The Goods are designed for conveying bulk material. The user is responsible for selecting suitable Goods for the specific purpose of use and for ensuring the compatibility between the Goods and the conveying material. Use of any substance for dust suppression other than water on the Goods must first be checked for its compatibility. In case of any questions, the user must always consult with an expert. Slight deviations from the product specification, which do not affect the warranty or performance of our products as such cannot be used as a basis for rejection of the Goods.

The Goods are designed to operate on a horizontal conveying application and the track should be straight. Inclination angles, curve radii and curve are possible but angles and radii depend on the Goods' type, conveying material and other factors, any deviation of which and suitability must first be consulted in detail with an expert.

The Goods are designed to fulfill specific operational tension ratings and are also limited by their breaking strength. The user must ensure that the Goods are used in accordance with such design and that they are not overloaded. In case of uncertainties, the user must consult with an expert.

The Goods are designed to operate under certain temperatures between -10 °C and + 60 °C, where higher temperatures accelerate ageing. The use of the Goods might be possible outside this temperature range, using special materials, but should be consulted with Sempertrans. In order to avoid damage to the Goods, when the temperature drops to below -15°C, the Goods should be kept in operation under idle speed, irrespective of whether they are being actively used.