



TRANSLEV

ELEVATOR BELT

The LPM and LPMWH ranges represent a unique technical solution in the top range elevator belt field. Consisting of a layer of longitudinal cords inserted between two layers of transverse cords, these belts provide working safety in large elevators which is unrivalled in the market.



The technological lead of our metal carcass belt compared to the belts available on the market lies in the fact that it consists of special cords enabling:

- better bucket attachment owing to a layer of high-density reduced-diameter longitudinal cords inserted between two layers of transverse cords.
- a value for cord adhesion in the coating which is far superior in cumulative value to the values which can be obtained using cords of higher unit diameter. This is essential for hot product belts in which the cord adhesion drops considerably with the raising of the temperature.
- minimal diameters for winding of the belt on the pulleys owing to the small diameters of the longitudinal cords.
- excellent rubber penetration and high cable adhesion values owing to the open type cord design. This performance is further enhanced by expertise in chemical adhesion between cords and rubber and by vulcanisation at 40 bar.

Because of their metal carcass, the TRANSLEV LPM and LPMWH ranges allow:

- high working tensions
- low tension travels
- high bucket attachment values (triple layer of two-way cords)
- high heat resistance (LPMWH)

The LPM range (SBR cover grade) is suitable for material temperatures of up to 60°C.

The LPMWH range is designed for handled material temperatures of up to 130°C.

The LPWH range is a two-ply belt with a textile carcass (polyester warp, polyamide weft) inserted between two transverse reinforcements and cover. This belt (butyl cover grade) is designed for handled material temperatures of up to 130°C. It also presents remarkable bucket attachment values owing to its multi-layer structure and these transverse reinforcements.

TRANSLEV LPM/LPMWH



TRANSLEV LPWH



IMPORTANT NOTICE: This brochure has been prepared carefully, to advise our customers. The information stated therein is state of the art and the results of different tests carried out over several years. Individual operating conditions affect any product, which means that a product can only offer the safety that can be expected on the basis of the data provided in our product information. In the event that the product is used otherwise than in conformity with the specifications, such safety may not be assumed. Our responsibility is limited exclusively to delivery of the conveyor belt in accordance with the specifications.

The figures stated in our documents are mean approximate values for information but no specified or warranted values.

Please note: Before using the product in new areas of application which are not covered by the product information a Sempertrans engineer MUST be asked for advice. Stocking, care and maintenance of all our products must be performed according to our stocking, care and maintenance guidelines and according to ISO 5285 standard ;

Subject to errors and printing errors. Reproduction of any kind - also of excerpts - only upon express written consent of Sempertrans.

The brochure shall remain the property of Sempertrans and is the most recent version. All transactions shall be exclusively subject to our general terms and conditions. Date of publication 06/2007 1st edition Subject to changes.

RANGE

On request, manufacturing is possible:

- in 500/2 and 630/2 types in textile and from 1000 to 3500 N/mm in metal
- in all symmetrical cover pair thicknesses:
 - minimum for metal belts: 3+3
 - textile: consult us
- in width up to 1600 mm for LPWH and 1800 for LPM and LPMWH

On request, the cover types in our general range GM, TEA, CW and K can be supplied

SIZE AND WEIGHT CHARACTERISTICS

Carcass	Textile		Metal			
Designation			LPM 1000	LPM 1250	LPM 1600	LPM 2000
	LPWH 4.63	LPWH 4.80	LPMWH 1000	LPMWH 1250	LPMWH 1600	LPMWH 2000
Cover thickness	2+2	2+2	3+3	3+3	3+3	3+3
Total thickness (mm)	9.3	9.6	13.6	13.6	13.6	13.6
Weight (kg/m ²)	11.8	12.2	20.9	21.1	22.4	23.8

These weights and thicknesses are approximate values given for information.

TECHNICAL SPECIFICATIONS (see page 66)

- Cover grade / resistance of covers to products conveyed
- Pulley diameter
- Tension travel

IMPORTANT NOTICE: This brochure has been prepared carefully, to advise our customers. The information stated therein is state of the art and the results of different tests carried out over several years. Individual operating conditions affect any product, which means that a product can only offer the safety that can be expected on the basis of the data provided in our product information. In the event that the product is used otherwise than in conformity with the specifications, such safety may not be assumed. Our responsibility is limited exclusively to delivery of the conveyor belt in accordance with the specifications.

The figures stated in our documents are mean approximate values for information but no specified or warranted values.

Please note: Before using the product in new areas of application which are not covered by the product information a Sempertrans engineer MUST be asked for advice. Stocking, care and maintenance of all our products must be performed according to our stocking, care and maintenance guidelines and according to ISO 5285 standard ;

Subject to errors and printing errors. Reproduction of any kind - also of excerpts - only upon express written consent of Sempertrans.

The brochure shall remain the property of Sempertrans and is the most recent version. All transactions shall be exclusively subject to our general terms and conditions. Date of publication 06/2007 1st edition Subject to changes.