

TRANSLEV™

THE REFERENCE FOR ELEVATOR BELTS

PRODUCT SHEET

Translev™ is a tailor-made engineered solution recommended for elevator belts. It is available in three versions.

HIGHLIGHTS

- Optimal solution for safe material transport in elevator conveyors
- Available with textile or steel cord reinforcements
- Easy bolting of elevator buckets
- For light to heavy applications
- Belt widths up to 2000 mm
- Nominal belt strengths up to 4000 N/mm

TRANSLEV™ M



The Translev M has a **full steel carcass design**. Steel cords in longitudinal direction provide high nominal belt strength at low elongation, as well as two layers of steel wefts in cross direction. This construction provides the highest bolt pull-out values combined with the highest possible puncture resistance.

Product benefits

- Excellent bucket attachment and bolting
- Outstanding cord adhesion which is of particular importance for high temperature applications
- Full rubber penetration and high cord adhesion values due to optimised rubber compound in combination with the open steel cord design
- Small longitudinal cord diameters allow smaller pulley diameters

Available with heat resistant covers:

- TEA cover for material up to 80 °C (130 °C peaks)
- TEB cover for material up to 100 °C (150 °C peaks)
- TEC cover for material up to 130 °C (200 °C peaks)

DATA

Translev M standard range (other strengths and dimensions are available on request):

Belt width: 300 mm to 1800 mm

Nominal belt strength: 1000 N/mm to 2250 N/mm

Translev M standard range					
Nominal belt strength (N/mm)	1000	1250	1600	2000	2250
Thickness (mm)	13.6	13.6	13.6	13.6	13.6

APPLICATIONS

- Open-pit mining
Lignite and hard rock mining
- Steel industry
- Grain and sugar industries
Salt industry
Mineral processing plants
- Paper and wood industries
Recycling industry
Port operations
Power and heating plants
Chemical industry and fertilisers

COVERS

- Transflam (flame retardant)
- Transoil (oil resistant)
- Transtherm (heat resistant)



TRANSLEV™ T: for light applications (e.g. transport of grains)

- Low elongation fabric carcass with high bolt pull-out strength
- Thin carcass allows for very small pulley diameters
- Translev T can be used in almost any application in combination with different cover types.
Besides the standard anti-abrasive grades, special cover grades meeting special application requirements are also possible. One example is the GMS belt construction which has been specially developed for Translev T to respond to the two major challenges involved in the handling of grains:
 - Swelling due to contact with oily/greasy substances (wood chips, grains, seeds, etc)
 - Risk of explosion/propagation of fire

DATA

Translev T standard range (other strengths and dimensions are available on request:

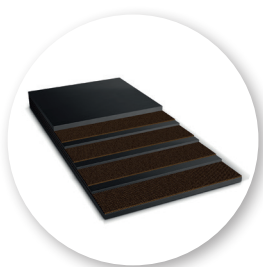
Belt width: Up to 1690 mm
Nominal belt strength: 400 N/mm to 1600 N/mm

Translev T with GMS cover standard range						
Cover thickness (mm)	1.5+2.5	1.5+2.5	1.5+2.5	1.5+2.5	1.5+3	1.5+3
Nominal belt strength (N/mm)	400	500	630	800	1000	1250
Number of plies	3	3	4	4	4	4

COVERS

- Transflam (flame retardant and anti-static)
- Transflam oil (flame retardant, anti-static and oil resistant in GMK and GMS)
- Transoil (oil resistant)
- Transtherm (heat resistant)

TRANSLEV™ T
TRANSLEV™ TR



APPLICATIONS



Steel industry



Grain and sugar industries
Salt industry
Mineral processing plants



Paper and wood industries
Recycling industry
Port operations
Power and heating plants
Chemical industry and fertilisers



TRANSLEV™ TR: for medium to heavy applications

Translev TR is an upgrade of the standard version with its textile carcass (polyester warp, polyamide weft) inserted between two strong transverse textile reinforcements and covers.

Product benefits

- Higher bolt pull-out strength for outstanding bucket attachment and enhanced carcass protection
- Very low elongation allowing small pulley diameters
- Remarkable bucket attachment values owing to its multi-layer structure
- Fabrics with stabilised elongation are protected by two transverse reinforcements from cuts and punctures.

Available with heat resistant covers:

- TEA cover for material up to 80 °C (130 °C peaks)
- TEB cover for material up to 100 °C (150 °C peaks)
- TEC cover for material up to 130 °C (200 °C peaks)

DATA

Translev TR standard range (other strengths and dimensions are available on request:

Belt width: 300 mm to 1650 mm
Nominal belt strength: 500 N/mm to 1250 N/mm

Translev TR standard range			
Cover thickness (mm)	2.0+2.0	2.0+2.0	2.5 + 2.5
Nominal belt strength (N/mm)	630/4	800/4	1000/5
Number of plies	4(+2)	4(+2)	5(+2)

COVERS

- Transflam (flame retardant Grades K and S)
- Transflam oil (GMK, GMS)
- Transoil (oil resistant)
- Transtherm (heat resistant)