

TRANSRIGID

STUDIED RIGIDITY



The TRANSRIGID range is composed of belts with high transverse rigidity for flat use. They mainly serve as a support for corrugated flanged edges and ribs, to produce conveyors with steep gradients and specific geometries.

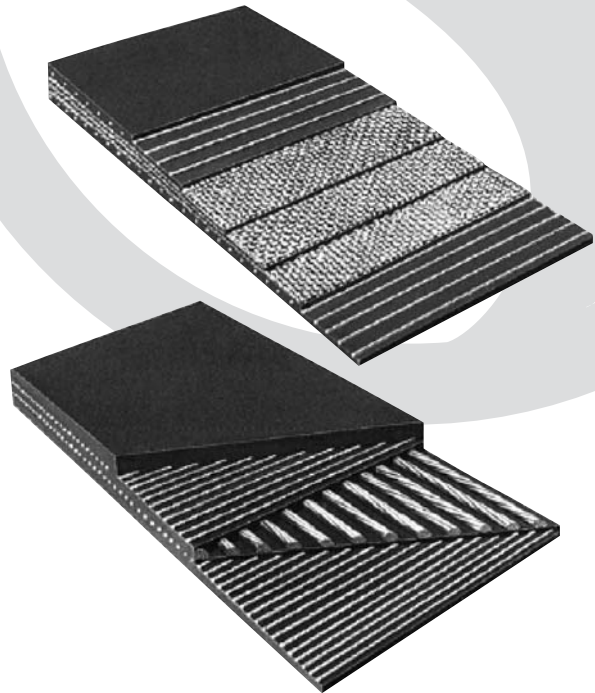
XST2 belts are fitted in installations presenting harsh working conditions with numerous changes of gradient. XMM belts enable the quality of the metal warp to be combined with particularly rigid wefts. These belts are intended for installations in which the working conditions are harshest and are suitable for "silo covering" applications.

TRANSRIGID belts can be equipped with all standard types of edges and ribs on the market. **SEMPERTRANS®** can supply you with equipped belts on request.

- XST2: two or three woven plies (polyester warp / polyamide weft) between two layers of rubber core impregnated metal cords of specially designed rigidities.
- XMM: assembly consisting of three layers of rubber core impregnated metal cords.
- Warp direction: one layer of cords of appropriate elasticity
- Warp direction: two layers of cords of specially designed rigidity located on either side of the warp.

AREAS OF APPLICATION

- Port installations
- Quarries
- Silos
- Mines
- etc.



STANDARD RANGE

Designation		XST2	XST2	XMM
Cover	Grade	315/2	500/3	800
	Cover grade	D	D	D
	Cover thickness (mm)	4 + 3	4 + 3	4 + 3
Widths	500	•		
	600	•		
	650	•	•	•
	800	•	•	•
	1000	•	•	•
	1200		•	•
	1400		•	•
	1600		•	•
Total thickness		12.8	13.4	15.6
Total weight kg/m ²		18.3	19.1	20.2

Approximate values given for information

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.

EDGES

The XST2 and XMM belts have moulded edges.

TECHNICAL SPECIFICATIONS (see page 66)

- Cover grade / resistance of covers to products conveyed
- Pulley diameter
- Tension travel
- Radius of curvature
- Idler spacing
- Splicing

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 ;

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