



TRANSLEV EDG S

ELEVATOR BELTS WITH JGS COVER

The JGS cover ensures:

- Resistance to vegetable and animal oils
- Flame resistance as per standard ISO 340, NF EN 20340, EN 20340 and DIN EN 20340 grade S
- Anti-static quality as per standard ISO 284, EN 20284, EN 20284 NF EN 20284 and DIN EN 20284
- Complying with ministerial order no. ATEP 987 0265 A of 29/07/98

The TRANSLEV structure consists of three or four plies of woven fabrics (polyester warp/polyamide weft) with a fireproof rubber interface.

The JGS cover has been specially developed to answer the two major problems involved in handling of cereals:

- expansion in contact with fatty substances (maize, peanut, sunflower, etc.)
- risk of explosion/propagation of fire

With regard to this, our TRANSLEV EDGS range answers these two problems since it complies with the fire-proofing standards designated above and presents good resistance to expansion in contact with oils and greases of vegetable and animal origin.

These EDG elevator belts with JGS cover can also be used in areas presenting risks of explosion.



This EDGS range with JGS cover is manufactured in grade S (as defined in ISO 340, NF EN 20340, DIN EN 20340 and EN 20340) as regards fireproofing, i.e. with **inflammable cover and carcass**. Thus, even when the cover is torn off, the belt remains fireproof and still meets the criteria of the standard.

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 Sempetrans 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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OIL AND GREASE RESISTANCE

STANDARD RANGE

DESIGNATION		EDGS					
		3.40	3.50	4.63	4.80	4.100	4.125
	JGS grade	- resistance to vegetable and animal oils - flame resistance as per standard ISO 340, NF EN 20340, EN 20340 and DIN EN 20340 grade S - anti-static as per standard ISO 284, EN 20284, NF EN 20284 and DIN EN 20284 - complying with ministerial order no. ATEP ATEP 9870265A of 29.7.98 - abrasion loss as per ISO 4649, DIN 53516 and NFT 46012: 145 mm ³ - Shore hardness as per DIN 53505: 58 ± 5 - expansion with oil ASTM no. 2 as per ISO 1817 (28 days at ambient temperature) approximately 3 %.					
	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
Working tension (N/mm)		40	50	63	80	100	125
Number of plies		3	3	4	4	4	4
Weight (kg/m ²)		11.7	11.9	15.3	15.9	18.7	19.3
Thickness (mm)		8.9	9.1	12.4	12.6	14.7	15.2
Standard layers		1600	1600	1600	1600	1600	1600

Values given for information.

The above range corresponds to our standard range.

On order, possibility of manufacturing on request up to a width of 1690 mm and up to type 1600/5.

All EDGS belts have cut edges slit on request to the desired width in 10 mm steps in widths between 140 mm and 1690 mm.

TECHNICAL SPECIFICATIONS (see page 66)

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

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