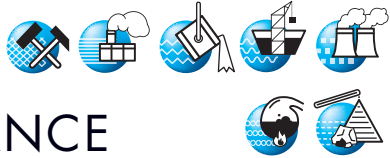


BIATHLON/TRIATHLON



PERFORMANCE, ENDURANCE, RESISTANCE

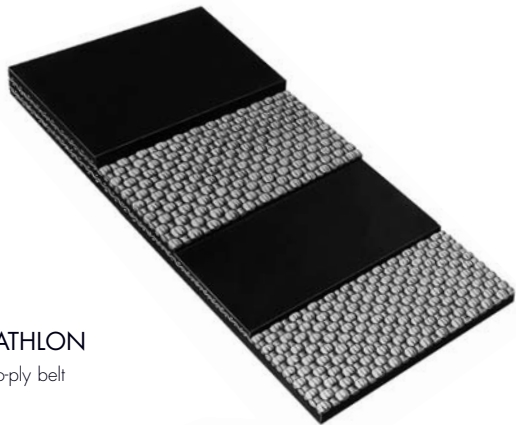
The BIATHLON belt consists of two plies of woven fabrics (polyester warp and polyamide weft) and a layer of high-elasticity rubber distributing the force between plies.

The BIATHLON / TRIATHLON range is available in all types from 400/2 to 1250/2 and in all the cover grades indicated in our general documentation (see page 66).

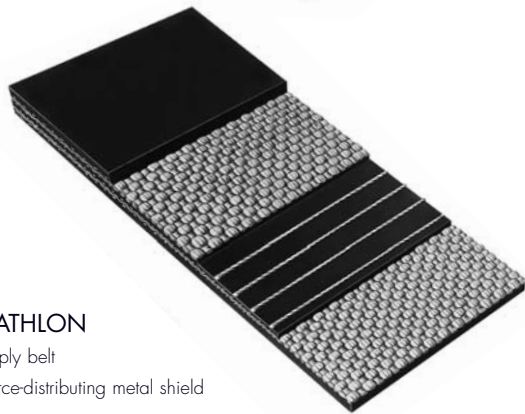
The TRIATHLON belt consists of two plies of woven fabrics (polyester warp and polyamide weft) and a metal shield distributing the force between plies. This shield can also be positioned above the 2 plies to protect the carcass.

Areas of application

- Conveying of materials of large grain size on large centre distances with high outputs.
- For any application necessitating shock and tear resistance.



BIATHLON
Two-ply belt



TRIATHLON
Two-ply belt
+ force-distributing metal shield

Main qualities of BIATHLON / TRIATHLON belts

- Exceptional impact absorption capacity
- Reduced pulley diameters owing to the two-ply structure
- Exceptional fastener strength for the Triathlon belt (up to 80 % of the belt breaking strength)

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 Sempertans 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 Sempertans.

The brochure shall remain the property of Sempertans 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.

STANDARD RANGE

On request, manufacturing is possible:

- in all types from 400/2 to 1250/2 N/mm
- in all widths up to 1600 mm
- in all the cover grades specified on page 66
- in all cover thicknesses: from 3+2 to 12+6 (or more)

Remark: manufacturing minimum: 200 m².

SIZE AND WEIGHT CHARACTERISTICS

DESIGNATION	BIATHLON 400/2	BIATHLON 500/2	BIATHLON 630/2	BIATHLON 800/2	BIATHLON 1000/2	BIATHLON 1250/2
Grade	D					
Cover						
	Thickness (mm)	6+2	6+2	6+2	6+2	8+3
Total thickness (mm)	11.2	11.8	12.3	12.8	17.5	18.5
Weight (kg/m ²)	13.2	13.9	14.5	15.2	20.6	21.8

The values are given for information only. The weights indicated concern cover grade D. All cover grades and thicknesses are available.

TECHNICAL SPECIFICATIONS (see page 66)

- Cover grade / resistance of covers to products conveyed
- Pulley diameter
- Tension travel
- Trough transition lengths
- Radius of curvature
- Turnover
- Idler spacing
- Roller skirt clearance
- Splicing

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.