

PIPETRANS/PIPECORD



SOLUTIONS FOR TUBULAR CONVEYORS

Based on an original idea combining know-how and technical innovation, this handling system makes it possible not only to preserve the environment but also to protect the product conveyed.



The tubular conveyor can be used to convey all types of products in bulk, from the finest to the coarsest, with a tube diameter two and a half times greater than the maximum grain size.

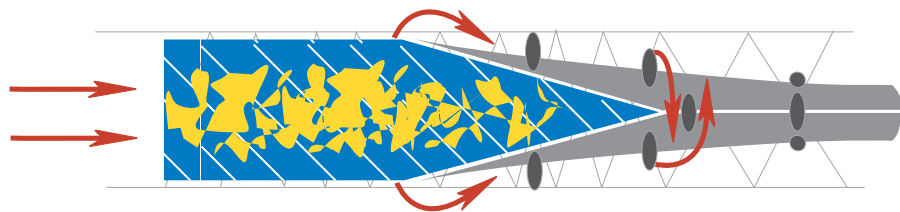
The types of materials which can be conveyed by the tubular conveyor are extremely varied and currently include various sorts of materials of a powdery nature (cements, ash, fly ash, etc.) or otherwise (coal, coke, ore, limestone, gypsum, sludge, fertiliser, sugar, wood chips, etc.).

The **PIPETRANS / PIPECORD** range is renowned for providing an ideal solution for this type of handling.

The **PIPETRANS** range consists of a specially-designed two-ply or multiply structure of woven fabrics (polyester warp/polyamide weft) with cutting of plies in the longitudinal direction to enable overlapping of the edges of the tube.

The **PIPECORD** range has a carcass consisting of:

- in warp: special high-elasticity cords alternately stranded right and left to counterbalance the twist of the tube
- in wefts: special high-elasticity cords of a width designed to provide the appropriate transverse rigidity and enable the overlapping of the edges. It should be noted that the design of the weft is important as it must ensure the maintaining of the tubular shape of the belt in all cases of stress applied to it, particularly on curves, and must prevent the crushing of the belt.



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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STANDARD RANGE

In the absence of standards, the widths of the belts are sized to allow an overlap of approximately 15 to 20 % of the width of the belt, i.e.:

Diameter of tube (mm)	Width of belt (mm)	Designation
150	600	PIPETRANS Textile
200	800	
250	1000	
300	1100	PIPETRANS Textile or PIPECORD Metal
350	1300	
400	1600	
450	1700	PIPECORD Metal
500	1800	

Our technical department is at your disposal to adapt these specifications to your needs or existing installations.

POSSIBLE COVER GRADES

Most of the grades indicated in our catalogue on page 66 are available in the PIPETRANS/PIPECORD range.

VALUE OF MINIMUM VERTICAL AND HORIZONTAL RADIUS

Pipetrans range: approximately 300 times the diameter of the tube.

Pipecord range: approximately 400 times the diameter of the tube.

TECHNICAL SPECIFICATIONS (see page 66)

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



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