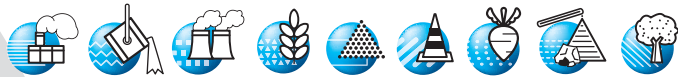


MULTIPLY

THREE-PLY BELT – STANDARD APPLICATION



ABRASION RESISTANCE

The MULTIPLY range is used for conveying all cold (<80°C) and neutral materials in all extraction and transformation industries in which the working conditions are light.



Areas of application

The MULTIPLY range guarantees optimum service for conveying of cold and neutral bulk products in light uses.

- Quarries
- Sand pits
- Concrete mixing plants
- Cement works
- Thermal power plants
- Silos
- Foundries
- Sugar factories
- Salt works

Main qualities of MULTIPLY belts

- Rot-proof carcass
- D grade cover (superior quality anti-abrasive): resists acids when cold and corrosive salts. Abrasion loss as per NFT 46012, ISO 4649, DIN 53516, average value 100 mm³.
- Accepts low pulley diameters and reduced tension travels.

The MULTIPLY range offers an elastic assembly with reinforcement protected by a D grade cover (superior quality anti-abrasive). The MULTIPLY structure consists of three EP (polyester warp / polyamide weft) synthetic fabric plies with a rubber interface.



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

DESIGNATION		MULTIPLY 400/3		
Rated width (mm)	Grade	D (superior quality anti-abrasive)		
	Thickness (mm)	3+1.5	4+2	6+2
	500	★	★ ●	
600		●		
650	★	★ ●	●	
800	★	★ ●	★ ●	
1000		●	● ●	

ABRASION RESISTANCE

The above range corresponds to our stock range. On order, manufacturing is possible:

- in widths of up to 1400 mm
- in specific cover thicknesses
- in most of the cover grades specified on pages 66 and 67

★ Stock with cut edges
● Stock with moulded edges

Remark: Manufacturing minimum for belts not in stock: 200 m².

SIZE AND WEIGHT CHARACTERISTICS

DESIGNATION	MULTIPLY 400/3		
Cover thickness (mm)	3+1.5	4+2	6+2
Total thickness (mm)*	6.9	8.4	10.4
Weight (kg/m ²)*	9	10.3	12.3

* approximate values given for information.

TECHNICAL SPECIFICATIONS (see page 66)

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

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