

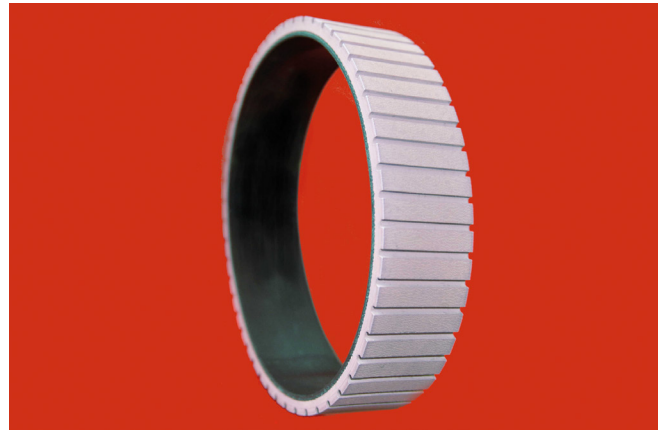
Boxroll Belts

BOXROLL TRULY ENDLESS BELTS FOR FOLDERING AND GLUING MACHINERY

Belt TS has developed Boxroll Belts together with the technicians of Machinery Manufacturers, as well as with the End Users. Boxroll Belts perform special features that allow their adoption in a wide range of industrial applications. The rubber compound suits materials like:

- Coated and un-coated paper
- Board and box board
- Cast coated paper
- Any type of boards

The carcass made of special fabrics inserts performs a high strength rate, as well as a lower elongation rate (stretch). Boxroll structure allows an easy centering on board also.



Advantages of Boxroll

- **Truly endless belt:** the seamless execution of Boxroll enables stability, a straight directional operation and the absence of a preferential breaking point (weakness points);
- **A lower elongation** at nominal operating rates thanks to a more stiff tension member;
- **Higher resistance** to abrasion and to continuing flexural stress of top cover;
- **Higher dragging ability**, even in case of decrease of overall thickness;
- **Higher operating flexibility** enabling the adoption of smaller pulleys;
- **Operating versatility** of Boxroll over plain or coated pulleys as well as over metal support plates;
- **Reversible drive** allow high production flexibility;
- **No staining and auto regenerative compound;**

Available sizes

- Inner length: from 290 mm up to 6 m
- Width: from 8 up to 1500 mm*
- Thickness: from 5 up to 12 mm*
- Drilling: from Ø3 to Ø20 mm

*wider width and higher thickness available upon request

STANDARD STRUCTURE

Rubber Cover (A)

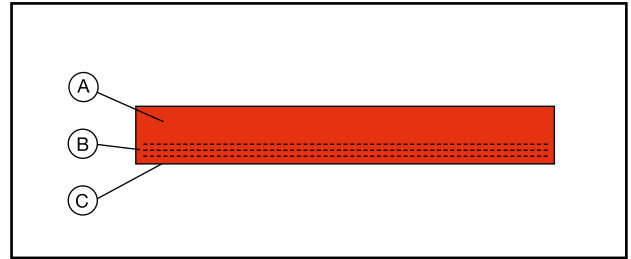
The rubber compound, developed with the most important End Users, grants a perfect specific friction maintaining, at the same time, a good abrasion resistance. No short cover life!!

Tension element (B)

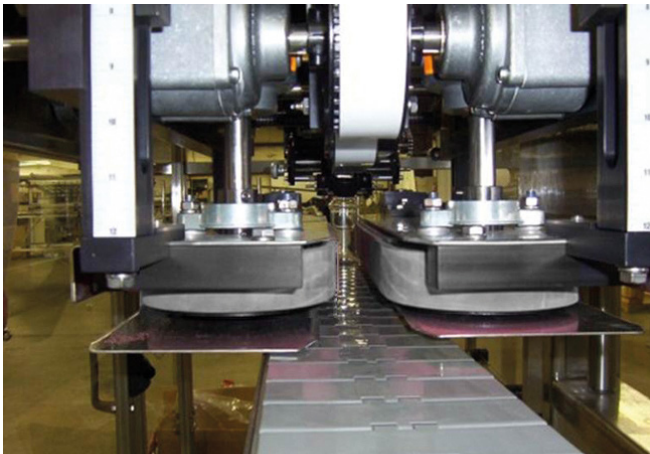
3 plies of super stiff polyester fabric, with low elongation rate at imposed load.

Inner surface (C)

made of elastic polyamide fabric, that grant an optimum wrapping also with small pulleys diameter. Special structure available upon request



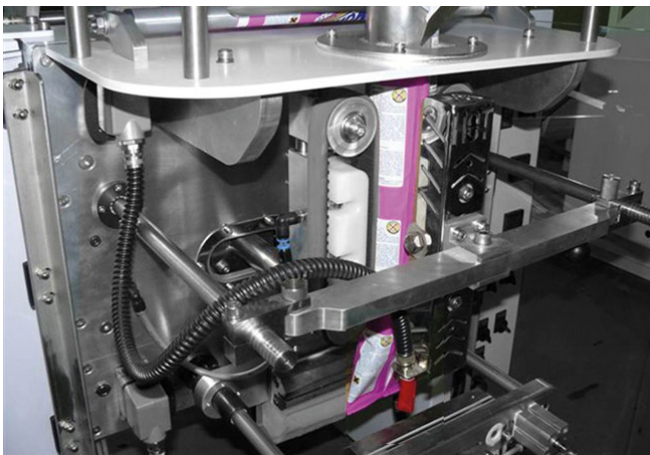
SPECIAL APPLICATIONS



Capping Machines

Truly endless rubber belts for capping in the packaging industry:

- High operation speed;
- Long lasting & strong tension member;
- High friction & easy cleaning;
- High temperature and steam resistance;



Vertical Form Fill Seal Machines

Truly endless feed belts for bag filling machines, working for free-flowing or granulated material:

- Single piece construction with no seams or splice to fail;
- Available in 40°, 50° or 60° ShA;
- Drilled as per customer's drawing;



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