

EXHIBIT 7



COMPANY

PRODUCTS

ENVIRONMENT & QUALITY

INQUIRY

PRODUCTS

Tire cords

Tire cords are reinforcement used to maintain the shape of a tire. They are made primarily of polyester, nylon, aramid and rayon.

Tire cords with higher rigidity give the vehicle better handling and stability. Those with lower rigidity provide a more comfortable ride. In order to satisfy these two conflicting requirements, we develop, manufacture and sell tire cords that match the requirements of customers. We are also able to meet customer demands through using multiple superior adhesives that provide the important characteristic of binding the tire cords to the rubber. We are the only company in Japan capable of integrated production that includes the yarn twisting, weaving and adhesive processes.



Tire cord manufacturing process



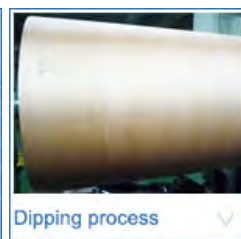
Fiber



Yarn twisting process



Weaving process



Dipping process

Fiber

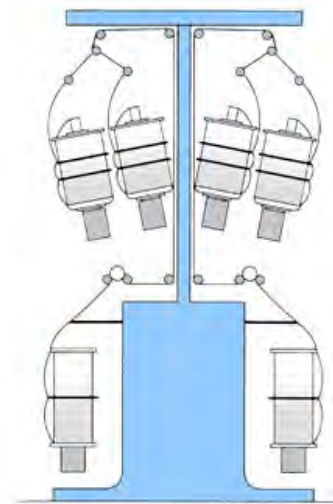
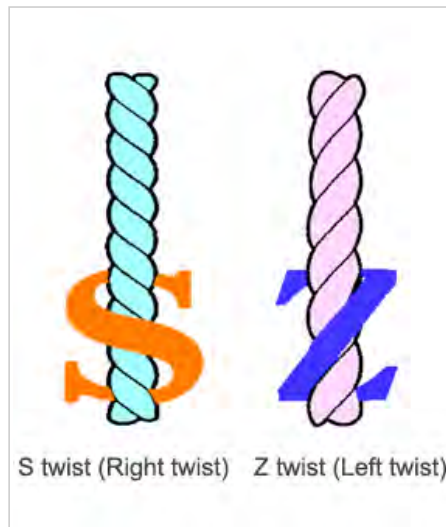
Fibers made of polyester, nylon, aramid, etc., are used depending on what physical properties match the characteristics required for the tire. Also, two or more types of fibers can be combined to create special properties that meet the special characteristics required for the tire.



Yarn twisting process

The process of twisting the fibers is called "yarn twisting." This can be distinguished by the tilt of the fibers, which shows on the surface of the yarn depending on the direction of torsion. In general, these are described in the JIS standard as S-twist (right twisted) and Z-twist (left twisted).

Moreover, the gloss and friction coefficient of the yarn differs depending on the direction of twist. Twisting the yarn prevents it from weakening under repeated loads. There are two kinds of processes: First twist, which is used to twist fibers, and second twist, which is used to combine the first-twisted yarn or multiple strands of yarn. Toray Hybrid Cord, Inc. has multiple direct twisting machines that can perform both first and second twists in one process. This allows us to provide high-quality products at low cost.

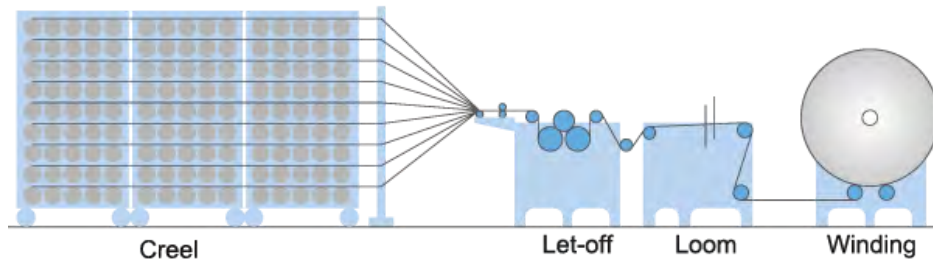


Direct twisting machine

Both first twist and second twist can be

Weaving process

Twisted yarn is sent off to be made into textiles.



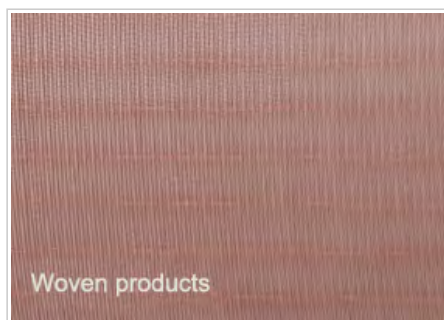
Tuck-in loom for tire cords
Creel section



Tuck-in loom for tire cords
Freshly woven product (whole cloth)

Dipping process

Adhesive is applied to the woven tire fabric to create cord that matches the characteristics required by the customer. Our special dipping technology can realize a high level of adhesion, even for materials like aramid and polyester.



Woven products



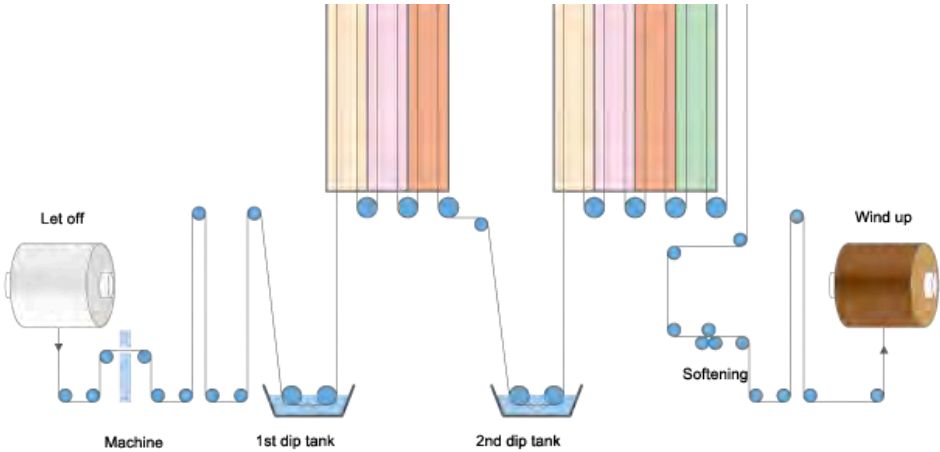
Sudare blinds on eaves

The finished product is called "sudare" because it resembles the sudare blinds seen on the eaves of Japanese houses in summer.



Toray Hybrid Cord, Inc.

ENGLISH TORAY INDUSTRIES INC.



Dip heat setter



Dipped cloth

- Tire cords
- Industrial cords
- Carpet pile yarn
- Global Expansion
- Cutting-edge Material Development



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