ROZA PLASTİK

We Made in Türkiye By European Technology...







Our Target

is to Decrease the Produciton Energy Costs of our customers with increasing the production capacities and quality of the yarn.



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İPLİK TAŞIYICI BOBİNLER-PLASTIC YARN CARRIERS

BOSB, Mermerciler San. Sit. 8.Cd. No:12/A Beylikdüzü-iSTANBUL Tel-Phone:+90 212 876 90 00 Fax:+90 212 876 90 97 Satış-Sales:Mobile Phone:+90 532 285 25 14 - +90 532 285 86 14



PLASTIC YARN CARRIER TUBES

RoZa Plastik San. ve Tic. Ltd. Şti.

RoZa Plastik was born in 2010 but with experience of more than 45years with European know how with specializing on the field of production: plastic yarn carriers.

Today the range of RoZa Plastik products includes approximately 900 items, designed for all yarn processing phases: preparation for spinning, spinning (ring, open-end, self-acting), twisting, winding and package dyeing.

Package dyeing solutions

Over recent years, the RoZa range has been enriched by several higly innovative, patented products designed especially for the requirements of package dyeing, a rapidly developing field. The philosophy which characterizes the new systems is attempting to combine the best dyeing results with maximum simplicity in using the yarn carrier.

The latest generation of products have been planned, designed and tested in collaboration with high-level machinery manufacturers and users, and have proved revolutionary - in terms of results and costs - with respect to traditional yarn carriers, to such an extent that they have merited the definition of "advanced" systems.

Innovation e quality

At RoZa, quality means responding effectively to costumer needs. This involves an aptitude for innovation and the capacity for researching and designing the product: characteristics which fully correspond with the strong points of our company. The in-works machine shop, guided by highly qualified personnel and equipped with avant garde machinery, guarantees our maximum flexibility in producing new moulds and also allows us to respond to the needs of each individual costumer with custom-designed proposals.

Reliable materials

RoZa offers our customers a vast selection of raw materials, ranging from normal polypropylene, used mainly for the production of disposable yarn carriers, to special materials like Duraplast HT, belonging to the family of high-temperature resistant engineering polymers.



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HIGH TECHNOLOGY & EFFICIENCY RING TUBES

- Our Ring Tubes produced with automation process
- The material used in our Ring Tubes production is Prime Material with Glass Fiber Reinforced and has the top resistant to customer processes.
- Our Ring Tubes do not need BUSH inside because the material has the same structure like the bush materials.
- Our Ring Tubes has resistant are more resistant to high temperatures, abrasions and impact.
- Our Ring Tubes are produced by the exact dimensions and designs of Ring Spinning Machine Producers' technical drawings.
- Our Ring Tubes run without any balance in high speeds. We guarantee 25.000 rpm with in Balance Tolerances.
- Our Ring Tubes are thinner that you can spin more yarn on it and lighter that you can save from electric consumption.
- Our Ring Tubes are suitable for STEAMING processes.
- Our Ring Tubes produced by ISO 368 standarts.

PATENTED HIGH TECHNOLOGY ROVING TUBES

- Our Roving Tubes Produced with Automation Process.
- The material used in our Roving Tubes production is Prime Material with Glass Fiber Reinforced and has the top resistant to customer's processes.
- Our Roving Tubes are produced by the exact dimensions and designs of Ring Spinning Machine Producers' technical drawings.
- Our Ninja Roving Tube designed for AUTO TRANSPORT SYSTEMS to protect your yarn flows to groud while in transport system. (PATENTED)
- Our Roving Tubes' FABRIC VELVET is not attached with GLUE PROCESS, it is directly INJECTED PLASTIC so there will be no loose of fabric velvet in the life time of the tube. (PATENTED)
- Our Roving Tubes can be de-assambled by the help of a tool which will be given by us. You can easily change the demaged parts which are because of handling inside the plant, like head or fabric velvet of the tube. (PATENTED)
- Our Ring Tubes produced by ISO 368 standarts.





FLEX-BRAVO

RADIALLY AND AXIALLY SHRINKING YARN CARRIER TUBE FOR STEAMING AND DYEING

The ultimate in dye tube design

- Flex-BRAVO is an expendable tube aimed at the requirements of steaming and dyeing of all types of yarns and it is particularly reccomended for continuous yarns with shrinkage (polyester, polyamide, etc.).
- Flex-BRAVO eliminates two winding procedures: yarn steaming prior to package dyeing is no longer necessary
 as the same result is obtained simultaneously during the dyeing operation. The dyed package can then go straight to the next process, avoiding final backwinding.
- The structure is designed to allow uniform radial shrinkage along the length of the tube, permitting yarn relaxation next to the wall of the tube. Optimal flow of the dye liquor gives an even, level dyeing inside, middle and outside of the yarn package.
- · Flex-BRAVO provides successfull "transfer-tail" operation.
- Flex-BRAVO, other than the possibility of allowing a radial shrinkage up to about 15%, also allows an axial
 compression, up to about 5%, that can occur in two ways:
 A. By a slight compression of the column of tubes in order to equate the length of the package columns to the
- length of the dye spindles;

 B. Directly throughout the dye procedure, particularly on those dye spindles with a fixed or gravitational locking system, where the Flex-BRAVO tube axially compensates itself during column elongation.
- The ends of Flex-BRAVO tube remain unchanged after radial and axial retraction.
- Greige package density can be increased up to 30% compared to a compressible dye tube, while keeping the same package diameter.
- · Dyeing productivity is similar to plastic dye springs, with no compression of yarn.
- Available in a wide variety of lengths and diameters to meet the requirements of most yarn dyeing systems.

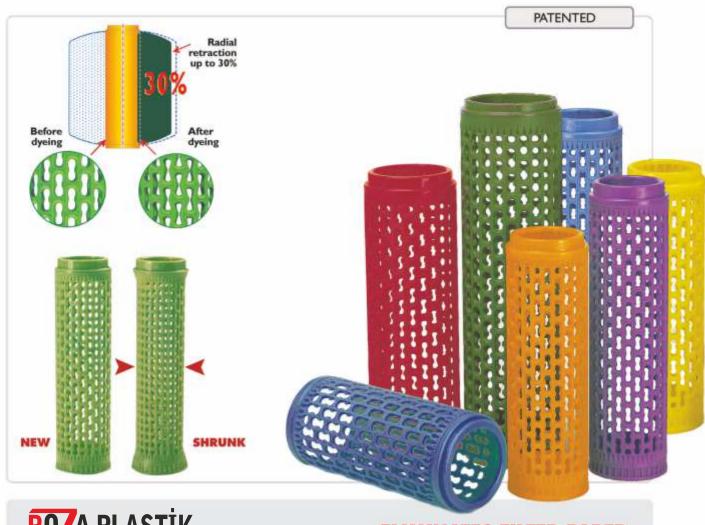


FLEX-DIA

RADIALLY SHRINKING YARN CARRIER TUBE FOR STEAMING AND DYEING

Your best choice for shrinking yarns

- FLEX-Dia is an expendable tube aimed at the requirements of steaming and dyeing of shrinking yarns.
- The use of FLEX-Dia is recommended for processing many fibers, i.e. Nylon and Polyester, Silk and Silk blends, Polyester and Cotton blends, sewing threads, core-yarns, etc.
- FLEX-Dia eliminates two winding procedures. In fact, yarn steaming prior to package dyeing is no longer necessary
 as the same result is obtained simultaneously during the dyeing operations. The dyed package can then go straight
 to the next process, avoiding final backwinding.
- The structure is designed as to allow uniform radial shrinkage along the length of the tube, permitting the yarn next to the wall of the tube an area in which to relax.
- Optimal flow of the dye liquor gives an even, level dyeing inside, middle and outside of the yarn package.
- . Tube length, top ID and base ID remain unchanged after retraction.
- FLEX-Dia provides successfull "transfer-tail" operation.
- · Retraction levels up to 30%.
- Greige package density can be increased up to 30% compared to a compressible dye tube, keeping the same package diameter.
- · Dyeing productivity is similar to plastic dye springs, with no compression of yarn.
- · Available in a wide variety of lengths and diameters to meet the requirements of most yarn dyeing systems.



ELIMINATES FILTER PAPER
NO DOUBLE START (YARN PAD) REQUIRED FOR
A FLEX-DIA TUBE

MARIPRESS UNIX

SELF-STACKING (TELESCOPIC) DYE TUBE

Increase productivity and improve quality in yarn package dyeing

- Possibility to compress the yarn from 0 up to 40% thanks to different penetration depths (from 20 mm. to 60 mm.).
- Improves dye quality, reduces dye costs, and increases productivity (up to 40%) compared to traditional yarn carriers. It can add up to four extra packages per spindle.
- The ribless surface of Maripress Unix can be adapted to any type of textile machinery, including Open End spinning systems.
- The inside structure, with no compulsory orientation, allows the utmost freedom in the package nesting stage, making
 it ideal for all types of automated loading systems.
- The Colombo version has a special reduction design for small dye spindles, while still providing larger take-up diameter packages. Cylindrical-like packages are obtained on machinery equipped to run traditional dye cones (4°20' 5°57' and others), simply by adjusting the angle of the carrier arm.
- . The result is a compact, even, cylindrical column formed in less time and at a lower cost.
- Maripress can be manufactured in different plastic raw materials and weights, from PP up to reinforced and special high temperature resins.
- · Available in a wide variety of lengths and diameters to meet the requirements of most yarn dyeing systems.
- · The dyeing column may be completed with a cover cap, available in various heights and diameters.



ARMOL

Productivity and flexibility in yarn package dyeing

- The controlled axial compression (up to 40%) guarantees the utmost flexibility of use.
- . The light but firm structure allows for even flow of the dye liquor and keeps the tube perfectly cylindrical in shape, even after compression and dyeing.
- · Maintains uniform density of the package
- · Available in a wide variety of lengths and diameters to meet the requirements of most yarn dyeing systems.
- . The dyeing column may be completed with a cover cap, available in various heights and diameters.





MARIFLEX

Productivity and flexibility in yarn package dyeing

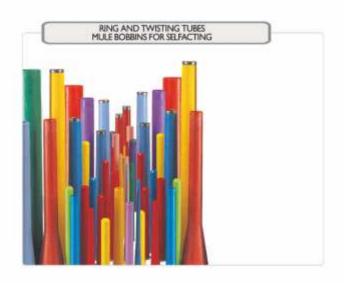
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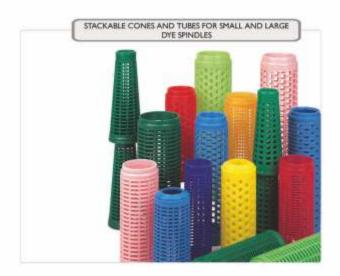
CLASSICAL SERIES

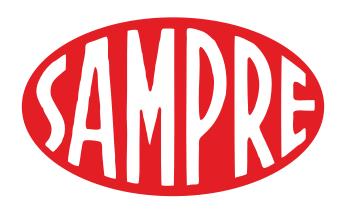
MORE THAN 35 YEARS OF EXPERIENCE











PRODUCTION OF ORIGINAL ROVING BOBBIN HOLDERS





PLASTIC YARN CARRIER BOBBINS

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By Italian Technology

