

mariplast

INJECTION MOLDED PLASTIC YARN CARRIER TUBES

MARIPLAST was established in Prato, Italy in 1969 as one of the first manufacturers of plastic bobbins for the textile industry, and has expanded to become a worldwide leader for plastic yarn carrier tubes. Today the product range includes over one thousand items, designed for all stages of yarn production: preparation for spinning, spinning (ring, open-end, self-acting), twisting, winding, steaming and package dyeing.

2004 sees the acquisition of Sampre - plastic division-, an Italian leader in textile accessories, such as bobbin holders for flyer and finisher bobbins, condensers, and sliver guides.

High performance and cost effective dye tubes

The product range includes highly innovative and patented products specifically designed for the requirements of package dyeing. The philosophy of the new systems is to combine the best dyeing results with the maximum simplicity of use.

Mariplast yarn carrier tubes have proved revolutionary - in terms of results and savings - compared to traditional yarn carrier tubes.

Innovation and quality for custom solutions

At Mariplast quality means responding effectively to the customer needs. This involves an attitude for innovation and the capacity for researching and designing the product. The state-of-the-art toolshop guarantees maximum flexibility in producing new molds. Mariplast can respond to the individual needs of each customer with custom-designed proposals.

Reliable materials

Mariplast offers a wide variety of raw materials, ranging from standard Polypropylene, that is mainly used for the production of disposable yarn carrier tubes, to special high-temperature resins, for reusable products.

Throughout the world, close to the customer

Today Mariplast products are manufactured in several plants in Italy, United States and Turkey, and sold worldwide.

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PLASTİK İPLİK BOYA BOBINLERİ

Mariplast Inelli - Turkey



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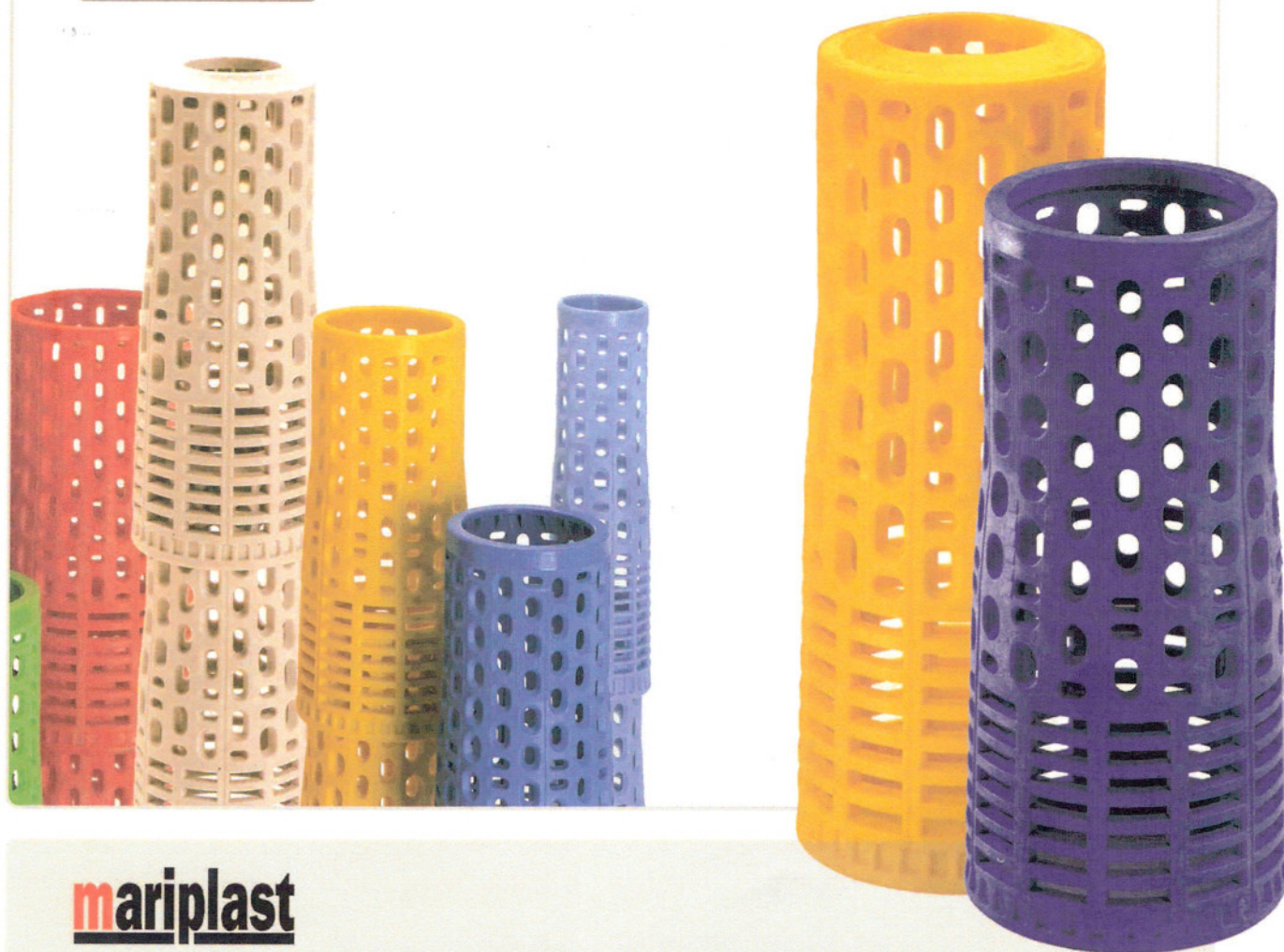
MARIPRESS UNIX

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 carrier tubes. 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.

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Productivity and flexibility in yarn package dyeing

- The controlled axial compression (up to 30%) 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.
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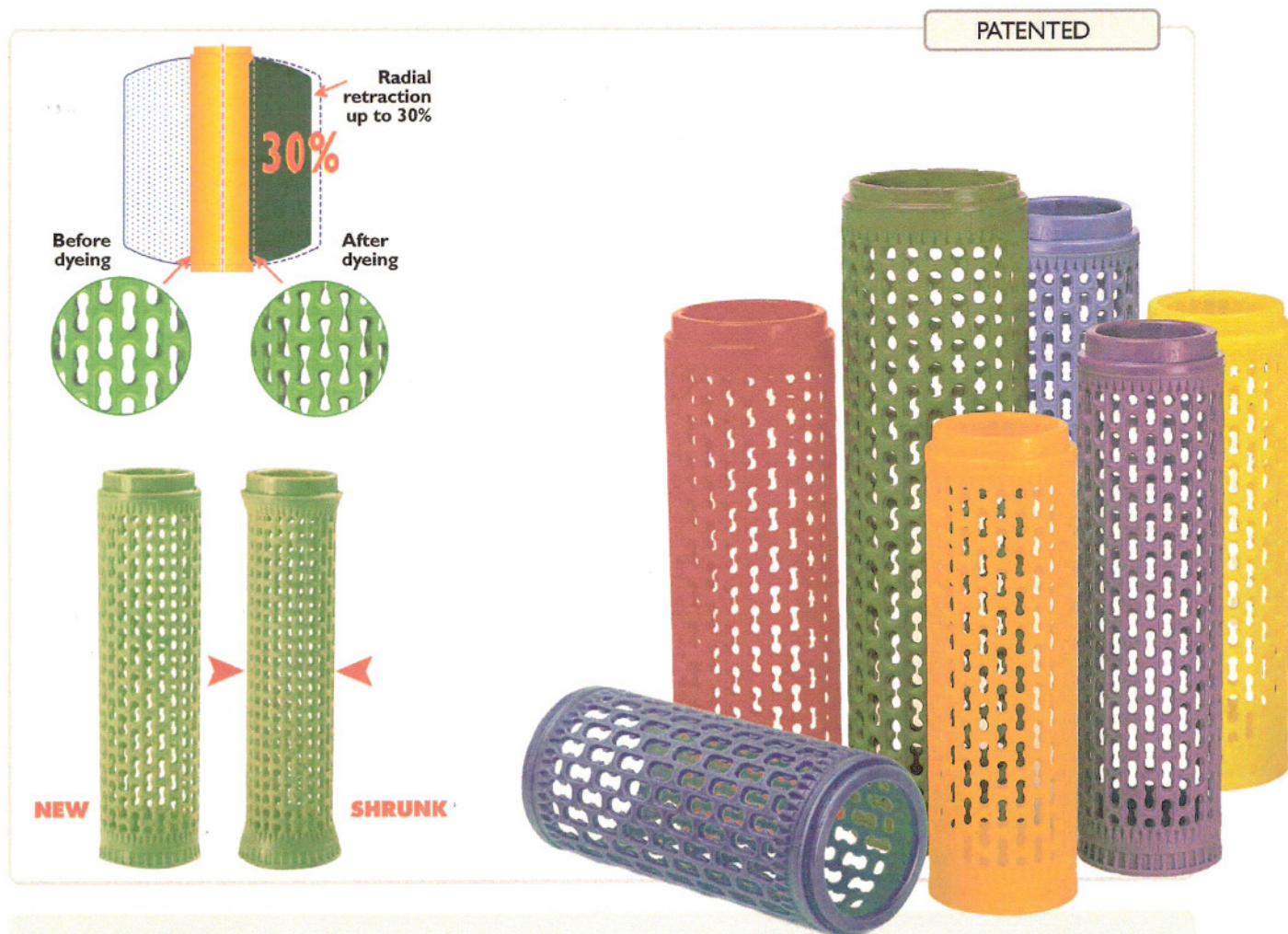


FLEX-DIA

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 successful "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.



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

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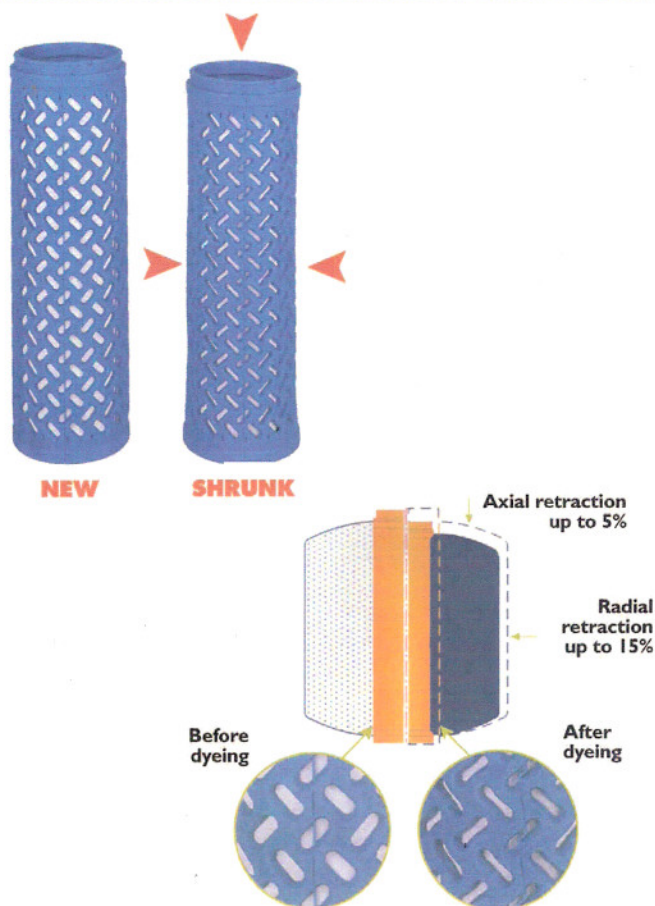
FLEX-BRAVO

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 recommended 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 successful "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.

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

Productivity and flexibility in yarn package dyeing

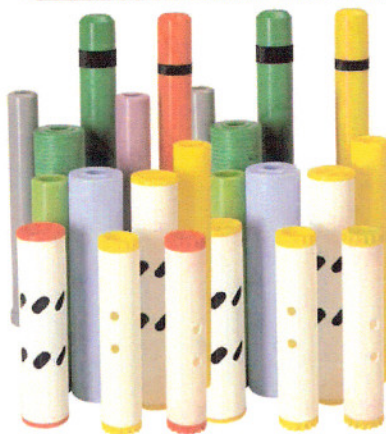
- The controlled axial compression (up to 40%) guarantees the utmost flexibility of use.
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- The dyeing column may be completed with a cover cap, available in various heights and diameters.

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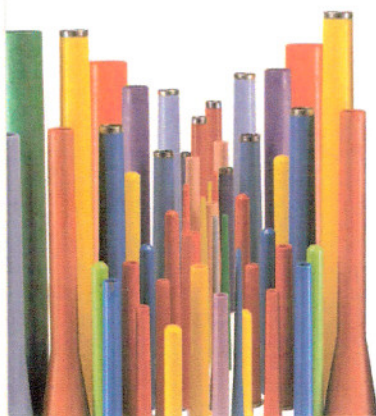
FINISHER AND FLYER TUBES



CLASSICAL SERIES

MORE THAN 35 YEARS
OF EXPERIENCE

RING AND TWISTING TUBES
MULE BOBBINS FOR SELFACING



PERFORATED CONES AND TUBES



NON PERFORATED CONES AND TUBES



STACKABLE CONES AND TUBES FOR SMALL AND LARGE
DYE SPINDLES



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