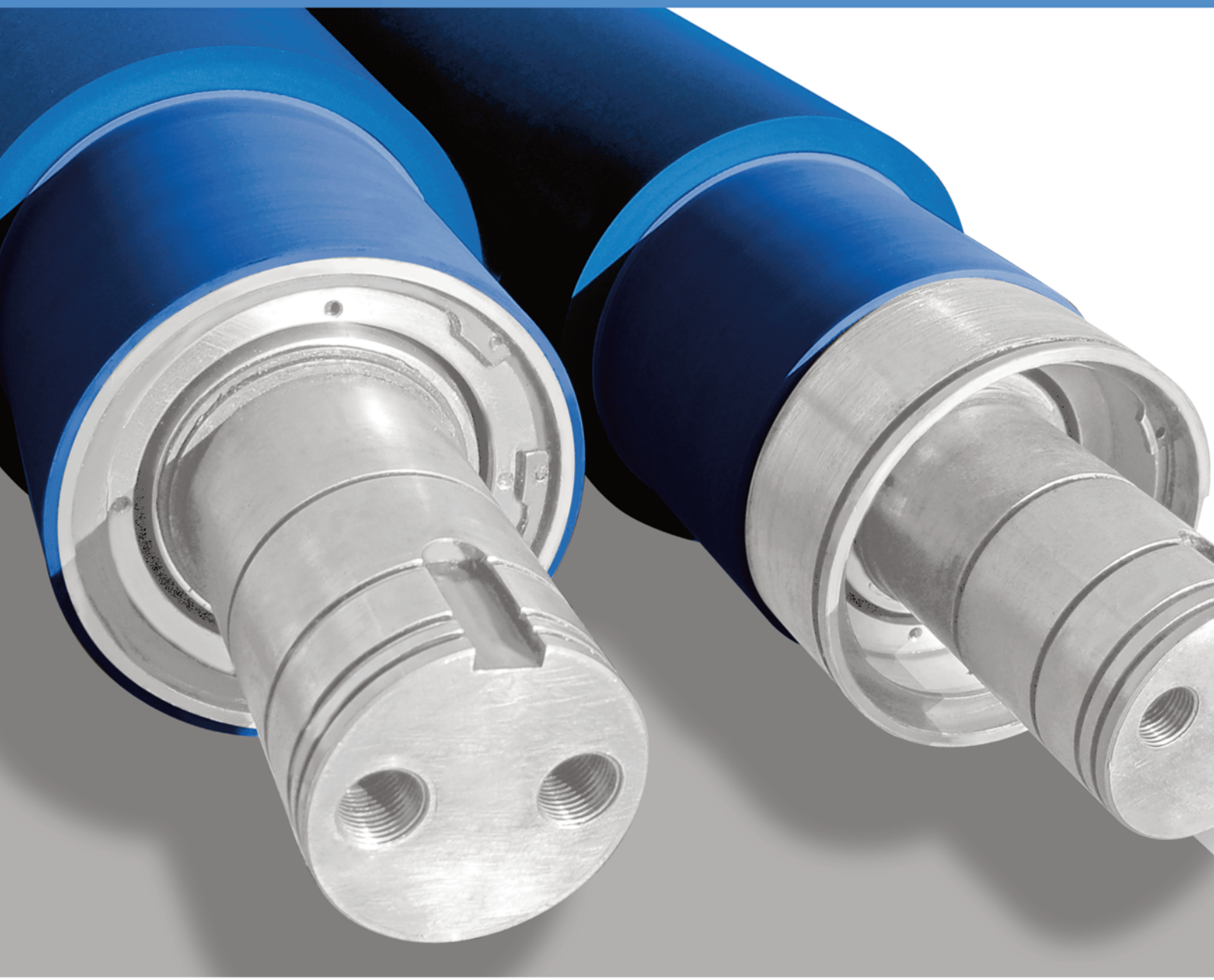
Gomplast

RUBBER ROLLER COVERING

TEXTILE INDUSTRY



FLEXOPAD ROLL

VARIABLE CROWN ROLLS

FLEXOPAD ROLL

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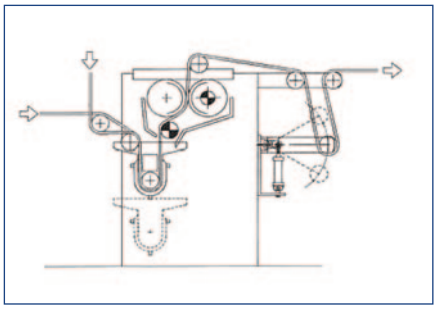
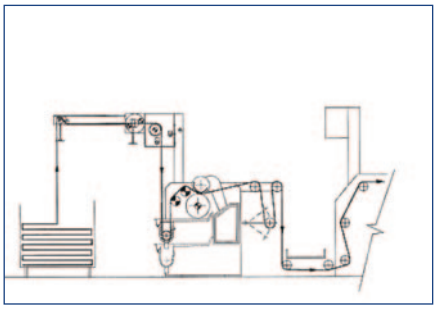
FLEXOPAD hydraulic rollers put together two advanced technologies to obtain the best performance out of both finishing and dyeing padders:

Dyeing padder

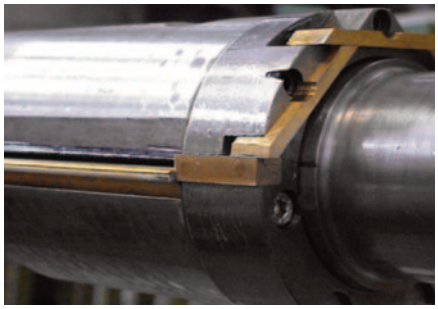


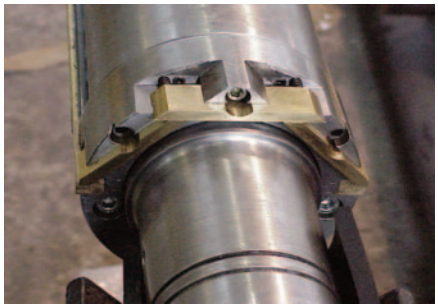
Finishing padder



1. Crown control:

Based on an hydraulic pressure control system, inside the metal core, FLEXOPAD rollers help you achieve a homogeneous distribution of the dye or a maximum squeeze in case of high pressure padders.
In order to achieve a regular contact zone all through the width of the cylinders that guarantees a homogeneous distribution of the dye, our Flexopad shafts have been manufactured with a special iron-carbon alloy, thermally treated, which yields an outstanding elastic performance of the roller by responding very quickly to any pressure variations of the padder All the internal system's tightness is achieved by using original o-rings and transverse teflon seals.



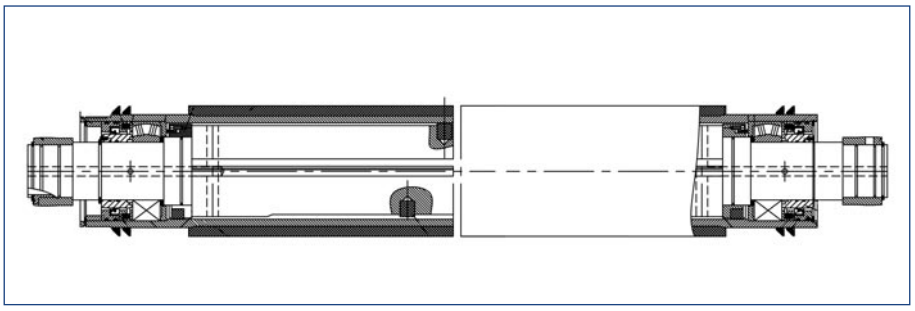


2. Covering:

We can offer you a complete range of elastomeric compounds specially designed to satisfy the different requirements of chemical and physical resistance in all the finishing processes of the textile industry:
DRYTEX: Synergic combinations of high hardness polymers with an outstanding elastic recovery under the high working pressures of the final high squeeze positions.
SILTEX: Special elastomer blend designed to resist the highly abrasive silicate-based dyes on your dyeing padder thanks to its outstanding wear resistance. Gomplast's SILTEX rubber compound has a chemical structure that delays silicate build up on your roller's surface, extending the lifetime of the roller and increasing the time between regrindings.
TEXDUR: Ebonite coverings.

3. Maintenance:

Swimming rollers need a special procedure of careful and complicate handling for its disassembling, covering, assembling, maintenance, testing and grinding before going back to performance, which can be provided by Gomplast's professional team.



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Group Member

HANNECARD

MITEX®