

High Performance Technical Textiles





AN OVERVIEW

Mecords India Ltd is a well-established manufacturer of superior quality technical textiles for a diverse range of industrial applications.

Our core areas of competency are in tire-reinforcing textiles, liner fabrics for rubber industry, reinforcement fabrics for MRG sector and industrial fabrics for various applications. With more than two decades of experience, we pride ourselves in our unmatched expertise to design, develop and manufacture technical textile products matching customer requirements, with our strong team of loyal and dedicated professionals.

In our niche area of operations, we rank as an undisputed market leader. This recognition has been achieved by our company's ability to think ahead of others, respond efficiently to changing customer needs, adapting quickly to technological innovations and capturing new opportunities for growth.

In terms of customer satisfaction, Mecords India's capability and resourcefulness as a reliable supplier show in our strict adherence to quality, timely delivery of goods, competitive prices offered and outstanding technical services.

Given our commitment, dedication and quest for excellence, we are a global player with satisfied customers both at home as well as overseas markets in Asia Pacific Region, Africa, Europe and South America.

Twisting



Warping



Weaving



Dip Kitchen



Let Off



Stenter

INFRASTRUCTURE

INFRASTRUCTURE AND FACILITIES

At Mecords India, we ensure good working environment with spacious buildings, workspaces and associated facilities. Layouts of plant and process equipment are optimised for ergonomics and material movement.

Excellent communication systems, modern diesel power generation, efficient water management, adequate utilities, and effective waste management support our manufacturing units.

The plant is located at Tarapur Industrial Zone; an industrial town located about 100 km from Mumbai, which is logistically well connected by rail, road and to the Nhava Sheva Port. This locational advantage enables us to receive raw material and move finished goods at a very short time.



Ultrasonic Cutter



Wind Up



Finished Goods Warehouse



QUALITY CONTROL

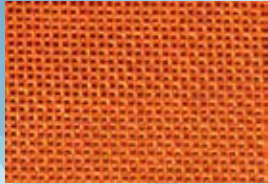
At Mecords India, we guarantee superior quality products which conform to the highest industry standards. We achieve this by means of our modern production processes, coupled with a strict quality assurance system. Quality checks and inspections are rigidly applied at all stages of the manufacturing process, starting from receipt of raw materials to the final packaging of the end-product. These stringent measures ensure that all the needs and expectations of our customers are fully met. We are an ISO 9001 certified company since June 1997.

RESEARCH AND DEVELOPMENT

Records India's research and development efforts are mainly 'organisation based' and are aimed at the company's core competency areas. The main focus areas are 'product development' and 'innovation' which are envisaged, to achieve sustainable growth and maintain competition. These efforts help us to offer innovative and cost-effective products that keep us closer to our customers in a collaborative way.



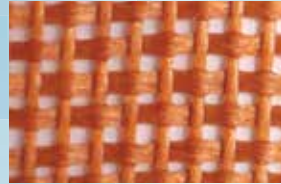
PRODUCT RANGE



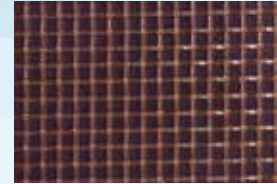
Multifilament Wicking Chafer



Black Multifilament Chafer



Multifilament Wick Proof Chafer



Mono Chafer

TIRE REINFORCEMENT

CHAFER FABRICS

Mecords produces a variety of woven chafers using Nylon (Polyamide) 6 or 66 material, either with multifilament yarns or monofilament yarns. Chafer fabrics woven with multifilament are offered in both 'wicking' and 'wick-proof' types. Chafer fabrics woven with monofilament yarns are of wick-proof type.

A special Resorcinol Formaldehyde Latex (RFL), brown or black treating process ensures excellent adhesion with rubber and additionally ensures air-impermeability for wick-proof chafers.

Chafer fabrics come with two forms of selvedge - Fringe Selvedge or Cut & Heat Sealed Selvedge. The width of chafer fabric ranges from 100 – 160 cms, weighing from 85 – 400 gsm.

Our wide variety of chafer fabrics meet the performance requirements of all kinds of tires.

NYLON WICKING CHAFERS

Mecords offers wicking type chafers in Nylon 6 and Nylon 66 multifilament yarns. These come in an EPI / PPI (Ends per Inch / Picks per Inch) range of 12 EPI and higher, depending on the customer's requirement.

NYLON WICK PROOF CHAFERS

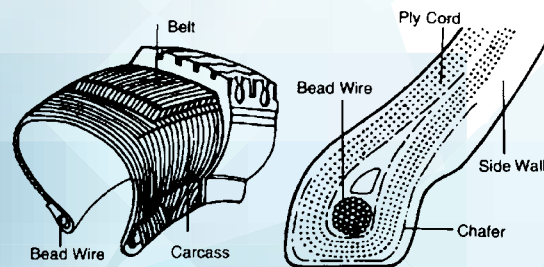
Our wick proof chafers are manufactured in Nylon 6 and Nylon 66 in multifilament as well as monofilament yarns.

◆ NYLON MULTIFILAMENT WICK PROOF CHAFERS

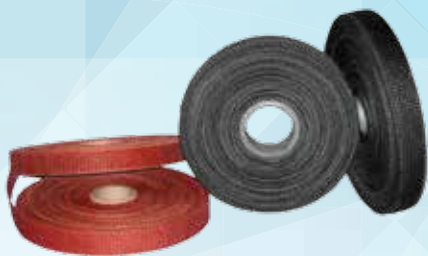
Mecords offers nylon multifilament wick proof chafers treated with special 'RFL Dip Solution and Process' to make them wick-proof.

◆ NYLON MONOFILAMENT WICK PROOF CHAFERS

Our nylon monofilament wick proof chafer is treated with unique 'RFL Dip Solution and Process'. Monofilament chafers are of 100% wick proof type. They are specially treated to give a high level of adhesion.



Tire Cross Section



TACKY BEAD WRAP STRIPS (LENO / KNITTED)

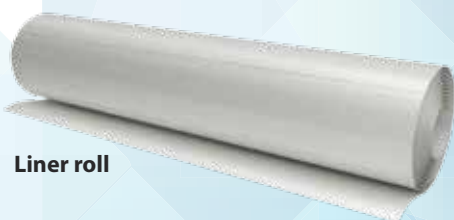
The 'bead wrap' is a lightweight nylon fabric treated with RFL. This is used for wrapping the coils of the bead wires and binding them. Mecord's bead wraps are precision slit, tackified and supplied in tape form. The tape width ranges from 10 – 25 mm. The bead wrap can be readily used for bead spiral wrapping without the need for calendaring.



LINER FABRICS

Liner fabrics are woven from synthetic yarns such as polypropylene, polyester, polyethylene, nylon, vinylon multifilament / monofilament and spun yarns which are processed with a finishing treatment or coating to suit customers' end use. Liner fabrics are used in conjunction with the processing machinery to facilitate the handling of tacky rubber and rubberised fabrics in the assembly and building of tires.

We offer liners in weights ranging from 120 – 600 gsm and in widths ranging from 8 – 220 cms. These have good breaking strength and dimensional stability and when handled carefully, they are durable and recyclable several times.



Liner roll



Rayon Leader Liner

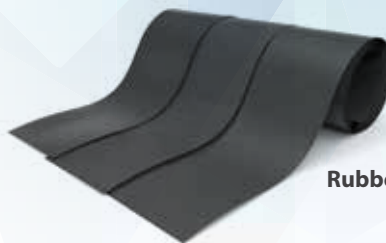


Coloured Edges for Identification

MRG REINFORCING FABRICS

Our reinforcing fabrics are woven with 'High Tenacity' Nylon 6, Nylon 66, Polyester and Rayon to suit all kinds of functional requirement. Our fabrics can be bonded to a wide range of rubber, such as Natural Rubber, SBR, Neoprene, Nitrile, Silicone, EPDM, Butyl and several elastomeric compounds. These find applications in inflatable boats, life rafts, flexi tanks, inflatable life jackets, air-cells, collapsible bridges, diaphragms, seals, hoses, gaskets, hydraulic valves and bellows.

Our reinforcing fabrics are distinguished by high durability, flexibility and moldability with good processing features. They exhibit excellent adhesive pull out force and peel strengths in different rubber types, thus prevent failures that could have dangerous consequences.



Rubber Sheets



Life Raft



Diaphragms



Roofing Membrane



Gasket



Rubber Hose

INDUSTRIAL FABRICS

We make industrial fabrics for various Industrial applications, Industrial Filtration, Rubber / Polymer coating and lamination. We offer industrial fabrics woven with Nylon 6, Nylon 66, Polyester and Polypropylene yarns, Multifilament, Monofilament and Spun yarns.



Polymer Coated Water Proof Fabric

FILTER FABRICS AND FILTER BAGS

Woven with nylon, polyester or polypropylene spun yarn, depending on customers' operating / process conditions, our filter fabrics are used for wet or dry filtration, hot or cold filtration and acids or alkalis besides edible and non-edible matter.



Filtration Machine



Filter Bag



Impression Fabric

IMPRESSION FABRICS

Our Impression Fabrics find applications for manufacturing Rubber and PVC products like Conveyor belts, Sheets, Blankets and Rubber V-Belts.

When the impression fabric is kept and pressed on hot Rubber / PVC products during manufacturing, the fabric design is transferred on to the surface of products. The fabrics are used repeatedly for several cycles without deterioration, wear and tear.

The fabric is designed to have variety of grains as per customer requirement and woven with Polyester, Nylon 66, Nylon 6 and Cotton yarn.

We design and engineer the fabrics to perform one or several specific functions. We use higher value fibers and materials of very good quality to manipulate the fibers and chemically treat fabrics to meet intrinsic performance specifications. We perform regular and thorough testing using highly accurate and reliable methods that lead to an increase in the life expectancy of our fabrics.

OTHER APPLICATIONS

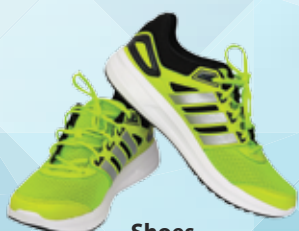
Our industrial fabrics are also suitable for use of Cement de-watering, Carpet tufting and as a base fabric for Shoes, Bags, Life Jacket etc. We can supply products tailored to the customer's specific requirements and provide a high level of support to our customers to help them optimize their product / process.



Cement De-watering



Carpet



Shoes



Bags



Life Jacket



Mecords India's vision is

**“Be a leading global technical
textile player in the areas of
Tire Reinforcement,
Industrial Fabrics
and Speciality Fabrics”**

**And towards this, we strive
to dedicate all our efforts.**



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