

MAHALAXMI GROUP OF INDUSTRIES

Evolving since 1965....

OUR SUCCESS SECRETS HAVE BEEN QUITE SIMPLE:



INTRODUCTION- MAHALAXMI GROUP

- Established in 1965, Mahalaxmi Group is a multi-product, multi-location, multi-industry conglomerate
- Manufacturing facility at two locations in Ahmedabad, one at Narol and second at Sanand
- Currently in the fields of;
 - Textiles (Since Five Decades....)
 - Rubber
 - Chemicals
- Workforce of more than 800 people
- Wind Mill Captive unit having 1.25 MW capacity

INTRODUCTION- MAHALAXMI GROUP

TEXTILES:

Mahalaxmi Fabric Mills Pvt .Ltd.

Product Range: Dyed, Printed, Finished & Processed Fabrics (Cotton, Polyester, Denim, Bottom-Weight & Others Fabrics)

Mahalaxmi Exports

Product Range: Made-ups such as Duvet Covers, Pillow Covers, Fitted Sheets, Bed Sheets, Curtains, Table Covers & Cushion Covers

Maheeka Textech

Product Range: Grey Fabrics from 90 cms to 365 cms width, I 50gsm to 650 gsm, bends of Cotton, Polyester, Nylon, or PP

CHEMICALS:

Mahalaxmi Cal Chem Pvt. Ltd.

Product Range: Organic Pigment Powders / Emulsions & Vat Pastes

Anand Chem Industries Pvt. Ltd.

Product Range: Textile Auxiliaries & Specialty Chemicals.

RUBBER:

Mahalaxmi Rubtech Ltd.

Product Range: Offset Printing Blankets, Textile Printing Blankets, Rubber Coated Fabrics

TEXTILE DIVISION (PROCESSING, PRINTING & FINISHING UNIT)

MAHALAXMI FABRIC MILLS



Product Range: Dyed, Printed, Finished & Processed Fabrics (Cotton, Polyester, Denim, Bottom-Weight & Others Fabrics)
Application Area: Men's & Women's Wear / Home Textiles

- The first-founded company of the Mahalaxmi Group
- Features a complete range of facilities for processing Cotton, Polyester, Denim, Bottom-Weight and all other types of fabrics
- Total installed capacity of more than 3 million meters of fabric per month, including 1.2 million meters of Bottom Wear Fabrics
- Its fabric range goes into high quality men's and women's wear
- Have won several awards and accolades at the state and national levels



TEXTILE DIVISION (HOMETEXTILE EXPORT UNIT)

MAHALAXMI EXPORTS



Product Range: Home Textiles (Made-ups such as Duvet Covers, Pillow Covers, Fitted Sheets, Bed Sheets)

- Curtains, Table Covers & Cushion Covers

Application Area: Home Textiles

- Incorporated in 1995
- Engaged in exporting Made-ups such as Bed Sheets and Pillow Covers mainly to the European markets
- Exports of more than **5.0 million** sets of Bed Sheets every year
- Has a loyal, repeat clientele comprising all major chain stores, mail order houses and supermarkets across Europe
- India Government Recognized Export House, maintains its own Cutting, Stitching, Finishing and Packing Units



TEXTILE DIVISION (WEAVING UNIT)

MAHEEKA TEXTECH



- Product Range: Greige Fabrics & Technical Textiles
- Started in 2007
- The company, integrated backwards to weave high-value Textiles on automatic Rapier looms
- The set up also includes Weaving Preparatory Unit, which includes facilities for both Sizing and Sectional Warping
- The fabric for printing blankets and coated fabrics are manufactured in this weaving unit
- In coming days the company intends to restructure and modernize this plant by installing Air Jet and Rapier Looms for weaving various types of technical textiles



CHEMICAL DIVISION



Product Range: Organic Pigment Powders / Emulsions & Vat PastesApplication Areas: Paints, Inks, Plastics, Textiles, Rubber, Cosmetics, Leather, etc.

- Started in 1986
- Extensive product range to suit any application and customer requirements



Anand Chem Industries Private Limited

Product Range: Textile Auxiliaries (Sizing, Pretreatment, Dyeing, Printing & Finishing) & Specialty Chemicals
Application Areas: Textiles, Paints, Inks, Rubber, Non-woven, Flocking, Carpet Backing, Wood, Paper, Leather and Construction

- Set up in 1980
- Production Capacity of more than 100 tons per month





MAJOR MILESTONES- MAHALAXMI GROUP

| 1965 | Mahalaxmi Dyeing & Printing Works established for hand-printing textiles |
|------|--|
| 1974 | Transformed into a process-house with capacity of 4,000,000 m of fabric |
| 1978 | Name changed to Mahalaxmi Fabric Mill Pvt. Ltd. Modernization and expansion |
| 1980 | Incorporated Anand Chem Industries Pvt. Ltd. |
| 1986 | Starts exporting cotton textiles to Russia. Biggest volume exporter from India, and Incorporated Mahalaxmi Calchem Pvt. Ltd. |
| 1991 | Mahalaxmi Rubtech Ltd. (MRT) incorporated to manufacture Textile Printing Blankets and Rubber Coated Fabrics |
| 1995 | Incorporation of Mahalaxmi Exports. To export Home Textiles to European countries |
| 1995 | MRT goes Public. Expands capacity |
| 2000 | Mahalaxmi Fabric Mills Pvt. Ltd. installs processing facility for Bottom-weight Fabrics |
| 2002 | MRT starts exports of Textile Printing Blankets to countries such as China, Indonesia, Thailand, Pakistan, South America, Bangladesh and other countries |
| 2007 | Founded Maheeka Textech to weave Fabric in-house, using Rapier looms. |
| 2008 | Merger of Mahalaxmi Fabric Mills with Mahalaxmi Rubtech Ltd. |
| 2009 | Weaving capacity expanded double fold Expanded the textile printing blanket capacity by imported second hand plant from Rollin, France |
| 2013 | Started commercial production of offset printing blankets in January |
| 2015 | MRT starts exports of Offset Printing Blankets to countries such as Germany, Netherlands, UK, Greece, Poland, Turkey, China, Israel, Africa, USA, Canada, Russia, Bangladesh, Nepal & Other Countries |

MAHALAXMI RUBTECH LTD.

MAHALAXMI RUBTECH LIMITED.

Product Range: Offset Printing Blankets, Textile Printing Blankets & Rubber Coated Fabrics

Application Areas:

Textile Printing Blankets:

Rotary & Flat Textile Screen Printing Machines

Rubber Coated Fabrics:

 Various applications into Defense, Inflatables, Safety & Protective Clothing, Gaskets, Diaphragms, Bellows, Expansion Joints, Oil Filled Transformers, Mining, Agriculture, Oil Fields, Automotive Engineering, Aerospace, Marine Equipment, Railways & Other Industries

Offset Printing Blankets:

Web & Sheet Fed Offset Printing Machines

RUBBER DIVISION (TEXTILE PRINTING BLANKET)

MAHALAXMI RUBTECH LTD.

MAHALAXMI RUBTECH LIMITED.

- Successful installation of more than 4,200 textile printing blankets worldwide
- Having exports to more than 20 countries
- One of the very few to manufacture wider width printing blankets (up to 3.70mtrs) using rubber technology
- Currently holds about 50% market share in India
- Developed in-house various innovations such as Finger Joint Technology for Endless Blankets, Blankets for Servo Machines with Polyester Reinforcement, Stretching of Cotton Fabrics, Rubber Compounds etc
- Preferred supplier of Textile Blankets for high quality silk fabric printing in China



RUBBER DIVISION (RUBBER COATED FABRICS)

MAHALAXMI RUBTECH LTD

MAHALAXMI RUBTECH LIMITED.

To cater to markets as diverse as:

Air Seals Bellows Diaphragms Drop Cloth Expansion Joints Fireproof Blankets Hoses Hydraulic Seals Inflatables Light Duty Conveyor Belts Gaskets Hovercraft Skirts Welding Curtains Military Specifications Oil Booms Protective & Safety Clothing Thermal Insulations Weatherproof Covers





RUBBER DIVISION (RUBBER COATED FABRICS)

MAHALAXMI RUBTECH LTD

MAHALAXMI RUBTECH LIMITED.

On a Diverse array of Base Fabrics such as:

Aramids Cotton Glass Fiber Nylon

Polyester Silica Fiber Other Blends

Capability to coat with a vast range of Elastomers such as:

Acrylics Butyl EPDM Fluoro-elastomer Hypalon Neoprene Natural Rubber Nitrile Silicone Polyurethane





OFFSET MANUFACTURING PLANT

- First in India & Possibly the last entrant into this Industry
- State of the art manufacturing plant
- Maximum roll width up to 2200mm & roll lengths up to 180 meters
- Installed production capacity of 1,50,000 square meters
- All new process machinery imported from Europe/South East Asia
- Manufacturing a complete range of Offset Printing Blankets suitable for Sheet fed, Web, Packaging, UV & Metal Decoration



OFFSET MANUFACTURING PLANT

- The only Offset Printing Blanket manufacturing company in the world having In-house processing and weaving unit for fabric production thereby giving us a rare competitive edge
- The complete plant processes and product design have been developed with active and in-depth technical guidance from Europe who collectively have more than 50 years of experience
- Our long experience in Rubber Compounding, Weaving & Processing Technologies help us to integrate technologies for manufacturing Offset Printing Blankets



MOVING FORWARD...

New Project of Technical Coated Fabrics

- Initiated in 2017
- Product Range: Textile Media, Coated Canvasses for Inkjet Printing, Blinds, Tents and Tarpaulins.

Weaving & Preparatory

- Technically advanced sectional warping and sizing machine already in house.
- 18 nos Dornier airjet weaving machines (380 cms) being installed and expected to start by March 2018.
- 9 rapier wider width machines (340 cms)
- Additional 8 Dornier rapier machines to be added by end 2018
- Weaving Capacity: 700,000 m2 / month



TECHNICAL COATED FABRICS (PVC / PU / ACRYCLIC COATED FABRICS)

Textile Print Media:

Textile Media for digital printing suitable for signage, flags banners, and all kind ad campaigns.

Coated Canvasses for Artist Canvas and Art Reproductions Applications.
 All these products will be suitable for printing with Eco solvent, Latex, UV, or Water based Pigmented Inks and compatible with all different kind of digital printing technology

Blinds and Blackout:

Roller blinds, vertical blinds, roman blinds, dual shade, and other blindsBlack out lining, curtains or roller blinds with one side Digital Print Compatible

Coated Canvasses for Tent and Tarpaulin:

All kind of Camps, Tents, Tarpaulin etc..

All kind of accessories and Luggage, Soft Luggage, Hat, Rainwear etc..





TECHNICAL COATED FABRICS (PVC / PU / ACRYCLIC COATED FABRICS)



We've got you

(TCF) Technical Coated Fabrics plant has the capacity to manufacture...







3.2 Metre Wide



Pilot Plant for R&D





Fabrication Division for finished products (ready to use)



TCF (Technical Coated Fabrics Division) produces PVC, Acrylic and PU coated fabrics for various applications.



Vertically integrated from Weaving – chemical compounding – coating – Fabrication to finished articles.



State-of-the-art 3.5m width 2-coating lines supported by well-equipped chemical compounding house for production of colors to final compound required in coating.



Capacity of producing 10 Lac sqm of coated fabrics per month up to 3.2m wide fabrics.



Operates on a common platform for Utilities and infrastructure for 3 manufacturing units, which makes a cost-effective solution for conversion.

TECHNICAL COATED FABRICS (PVC / PU / ACRYCLIC COATED FABRICS)

Product Features

- Fabric woven from High Tenacity low shrinkage polyester yarn.
- High UV stability for outdoor application.
- Ease of welding and high welding strength for longer durability while using in dynamic application.
- Retains High Tensile & Tear strength during usage.
- Durable color fastness to sunlight.
- All fabrics 100% water-proof.
- Fire retardant, anti-fungal, anti-rodent, oil-resistance, low-methane permeability, FDA approved, Phosphine retention (fumigation covers) fabrics available on request.
- Widths available 1.37 to 3.2m.
- Product weight available 240-900gsm.



Fire Retardant fabrics manufactured by MRT are certified and conform to DIN, ASTM and IS Standards.



Top-Coating Lacquers are used to facilitate ease of cleaning of the coated fabrics (Optional)



Dirt Resistant fabrics are available upon request with PVDF coating



Based on application and request, we can provide Anti-Fungal property to the coated fabric



Fabrics are woven from High Tenacity & Low Shrinkage yarns for all Industrial, Logistics, Tents and other Dynamic applications.



MRT provides high quality printable fabrics for truck side curtains and movable billboards



High Perfomance additives are incorporated into the compound matrix to impart permanent UV resistant to all coated fabrics.



MRT products are designed to sustain the extreme weather conditions and retain initial color for outdoor applications



100% water-proof coated fabrics



Manufacturing process, formulation and types of raw material used are designed to provide higher Tear Strength especially for Tent and Tarp applications.

Certification



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| | | mpany/Customer: | Maha | alaxmi Rubbech Ltd. | |
| | Addres | s & Contact Details: | YSL 4 Polyt Amba | laxmi House Averue, Opp. Ketav Pen echoir Road awadi, Ahmedabad-380 I sunitkumar@mrtok | 015 |
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| | Numbe | r of Samples ; 01 | | | |
| | Date of | Performance of test(s): 15.06.2 | | in the second | |
| | Sample | e Description : 400 gsm PVC | Coated Fabric | Sample | |
| | Discipl | line / Group : Mechanical Tes | ting / Textile | | |
| | Sr. No. | Test Parameters | Unit | Test Method | Test Results |
| | 1, | Tensile Strength Werp Welt | N | IS 7016, Part II | 2378.19 2710.47 |
| | 2. | Tear Strength Across Warp Across Weft | N | 15 2016, Part 111 | 427.30 263.50 |
| | 3. | Adhesion Strength | | IS 7016, Fart V | >5 Adhesion strength is higher than strength of coated laver |
| | *4, | Water proofness Test | mi | IS 7016, Part VII | 0 mi water collect |
| | | The states of the states | 1 | | Outer surface not wet |
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| | миусь | mpany/Customer: | 10000 | alaxmi Rubtech Ltd. | |
| | Address & Contact Details: | | Mahalaxmi House YSL Avenue, Cpp. Katav Petrol Pump Polytechnic Road Ambawadi, Ammedebed-330.015 Email: sunikuma:Commiscal.com | | |
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| | Date of | r of Samples : 01 f Performance of test(s): 15.06.2021 to | 16.06.20 | 021 | |
| | | e Description : 430 gsm PVC Coate | | | |
| | Discipi | line / Group : Mechanical Testing / | Textile | | |
| | Sr. No. | Test Parameters | Unit | Test Method | Test Results |
| | 1, | Tensile Strength Warp Woft | N | IS 7016, Part II | 2144.53 2656.73 |
| | 2. | Tear Strength Across Warp Across Welt | N | IS 7016, Part III | 307.98 |
| | 3. | Adhesion Strength | N | 15 7016, Part V | >5 Adbesion strengto is higher than strength of coated layer |
| | *4. | Water prochess Test | ml | IS 7016, Part VII | 0 ml water collect Outer surface not wat |
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Certification





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| | Mill/Cempany/Customer: Adunese & Contect Details: | | | Mahalaxim Rubrech Ltd. Michilexmi Touse YSL Avenue, Opp, Ketav Petrol Pump Polyeshnik Road Ambavad, Annuelaad-380 015 | | |
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| | Number of Samples : 01 Date of Performance of tes.(s): 14.06.2021 to 16.06.2021 | | | | | |
| | - | le Description : 630 gsm PVC Cu line / Group : Mechanical Testin | | Sample | | |
| | Londo | inter / an experimental international internat | | | | |
| | Sr. | Test Parameters | Unit | Test Method | Test Results | |
| | <u>No.</u> | Tensile Strength Warp Weft | N | IS 7016, Part II | 2519.84 2583.84 | |
| | 2. | Tear Strength Across Warp Across Wett | ri . | IS 7015, Part III | 126.05 259.88 | |
| | 3. | Adhesicn Strength | -4(1 | IS 7016, Part V | >5 Adhesion strength is higher than strength of coated | |
| | *4. | Water proofness Test | ml | 15 7016; Pert VII | 0 ml water collect Outer surface not wet | |
| 1 | *NO | n-HABL accredited test parameter | | | | |
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