LE MERITE
TACTICAL & DEFENCE SOLUTIONS P. LTD

Le Merite

Tactical & Defence Solutions Pvt Ltd





OUR VISION

To be globally recognised leader in performance and technical textile. Delivering innovative solutions that make products safer, smarter, lighter and more sustainable.

OUR MISSION

Solution that deliver sustainable products with superior functionality, reliability & value.



ABOUT US

A subsidiary of Le Merite Exports Limited, Le Merite Tactical & Defence Solutions Pvt. Ltd. (LMTDSPL) specializes in engineering high-performance processed fabrics tailored for mission-critical defense and specialized technical applications. Backed by an advanced manufacturing infrastructure, our facility integrates cutting-edge engineering across dyeing, high-precision printing, finishing, coating, and lamination.

Driven by a rigorous R&D division and multidisciplinary technical expertise, we design purpose-built textile solutions across the defense, industrial, performance activewear, and rugged outdoor segments. Our portfolio delivers advanced functional performance—ranging from superior tear and abrasion resistance, water repellent completely waterproof, flame retardant, etc finishes. We excel in high-specification fabric developments, including para-aramid and meta-aramid reinforcements, extreme high-altitude tactical apparel, and premium athleisure & outdoor textiles.

As part of the Le Merite Group—a vertically integrated powerhouse spanning yarn, fabrics, and technical textiles—the enterprise holds distinction as a Government-recognized 3-Star Export House. Our commitment to manufacturing excellence and innovation is reflected in numerous national accolades and recognitions conferred by the Ministry of Commerce and the Ministry of Textiles.

PRODUCT SEGMENT

- Defence & Industrial Textiles
- Outdoor & Heavy-Duty Luggage
- High-Performance Activewear



DEFENCE & INDUSTRIAL FABRICS

DEFENCE

Our focus industry and range include nylon 6/66 fabrics. We produce and supply a wide variety of dyed and printed N6/66 fabrics, catering to high-altitude jacketing, rucksacks, ponchos, belting and many other applications. These fabrics come in different finishes and layers of PU, WR, FR, TPU, & PE lamination tailored to their specific functionality.

INDUSTRIAL

Our Industrial Technical Fabrics are developed for applications requiring high mechanical performance, dimensional stability and consistent quality. High-tenacity yarns and engineered woven constructions provide the foundation for fabrics used in belting, webbing and industrial tapes.

Fabric constructions can be customized according to required tensile strength, elongation, thickness, width, weave, abrasion resistance and application environment.


KELTY









OUTDOOR & LUGGAGE

Our PackTech fabrics are developed for soft luggage, backpacks, travel bags and performance bags where strength, abrasion resistance, appearance and weather protection are critical.

High-tenacity polyester and nylon constructions can be engineered in a wide range of deniers, weave structures, weights and coatings, enabling manufacturers to select the right fabric for lightweight travel products as well as heavy-duty luggage and other outdoor products such as tents, sleeping bags etc. fabrics







ACTIVE WEAR









For the athleisure market, we provide a range of synthetic fabrics that offer light weight and guaranteed performance. The fabric finishes are designed to meet the specific requirements of the end product, such as water repellency, moisture management & other functional finishes as per the brand's technical specifications.

FUNCTIONALITY

- Moisture management
- Water repellent (WR/ DWR)
- Oil water repellent
- CIRE
- Coated
- Laminated

INFRASTRUCTURE

LMTDSPL is a state of art technical textile process house located at Amravati textile park; next to PM Mitra Textile Park. Our factory with more than 1.2 lac sq.ft build up comprises of continuous & semi continuous pretreatment, dyeing, printing, finishing, coating, lamination, R&D facilities.

We feel pride in our state of art R&D facility with all testing equipment's & lab machines for testing of technical textile fabrics. Our lab padder, lab stenter, lab coating line provides faster sample development & minimise of variation in bulk.




SINGEING


MERCERISER


JIGGER


JET


STENTER & COATING LINE


HOT MELT LAMINATION


SHRINKING RANGE


PRINTING

LABORATORY



TESTING FACILITY

- Accuspray
- AbraSmart
- MVTR
- Thickness
- Tensile strength
- Bending length
- AutoFlame I/V
- Waterproofness
- Tear strength
- Elongation
- Colour fastness, etc



R&D AND INNOVATION

Our state-of-the-art Synthetic Textile Research & Development Laboratory is designed to bridge the gap between material design and full-scale manufacturing. Equipped with specialized, high-precision benchtop machinery, this facility allows engineers and textile scientists to prototype, iterate, and validate innovative functional fabrics in a single, controlled environment.



Laboratory Padding Mangles



Infrared Heated Sample Dyeing Machine



Laboratory Coating Machine



WEAVING_

We have a strategic tie-up with a unit in Surat comprising 180 water-jet looms, dedicated to manufacturing greige fabric for our further processing. Our in-house team is strategically deployed to monitor quality, productivity, delivery, efficiency & managing logistics operations.

STITCHING_

Powered by an installed capacity of 192 high-precision industrial sewing machines, our in-house stitching facility delivers scalable production with uncompromised precision.

The floor is organized into optimized, lean assembly lines.

Integrated in-line quality checkpoints at every production stage ensure strict adherence to technical tolerances, seam integrity.

A skilled workforce and synchronized material routing enable rapid turnaround cycles and seamless transitions.

Complete internal control over the stitching workflow guarantees end-to-end quality assurance, reduced operational lead times, and superior cost efficiency.



SUSTAINABILITY

Our multi-fuel utility offers flexibility in fuel choice, allowing us to use rice husk bagasse, brickets or other cleaner fuels.

The factory roof generates 0.8 MW of solar power, meeting nearly half of our power requirements.



The factory is equipped with a 1000 KL/day effluent treatment plant (ETP) for both dye and non-dye bath water treatment.

- Recycled PES
- Recycled Nylon
- Dope Dyed yarn

We are using recycled yarn with GRS Certification.

CONTACT US

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