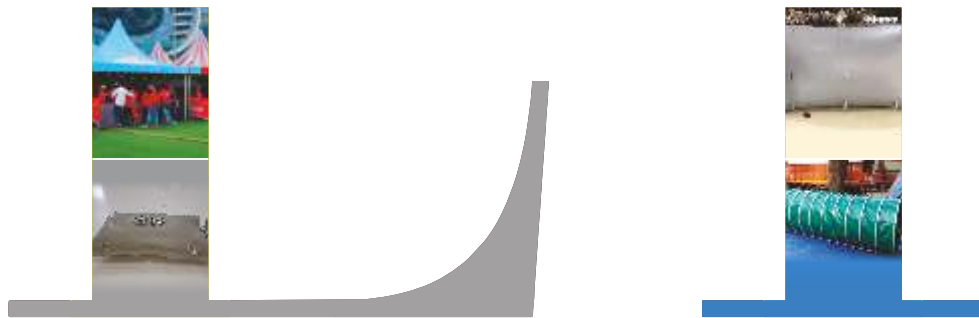




LUCKY-TECH MEMBRANES



LUCKY-TECH Membranes Pvt. Ltd.

SMART ENGINEERED SOLUTIONS

TENSILE STRUCTURES | BIOGAS GAS HOLDERS | TRUCK COVERS | STORAGE LINERS

TENTS COVERS | FLEXITANKS | ROLLDOORS | SPECIALITIES

ABOUT LUCKY-TECH

Based out of Mumbai, India, with a **Design-first Approach**, we deliver powerful engineered solutions



Our exclusive partner
SIOEN, Belgium



Our product:
PVC / PVDF Coated Fabrics.

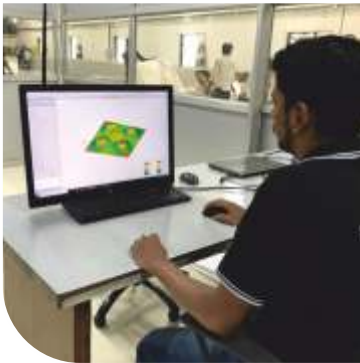


Accessories:
Weldable Webbing



Accessories:
Professional Keder

at our **State-of-the-art Factory**



Design &
Engineering Set-up



Fully Automated
Cutting Machine



High Frequency
Welding Machine



HP Latex
Digital Printer

Designed, Engineered and Converted for Specialised Applications



Tensile Structures



Digester & Ground Mounted
Biogas Balloons / Gas Holders



Truck Covers, Liners,
Flexitanks, Rolldoors



Aluminum Tent Covers
(Opaque / Transparent Fabric)

OUR
EUROPEAN
PARTNER

SIOEN INDUSTRIES, BELGIUM

Manufacturer of **PVC/ PVDF Coated Fabrics**

ABOUT SIOEN

Manufacturer of PVC/ PVDF Coated Fabrics



Belgium based SIOEN Industries is the World's Largest Manufacturer of Technical textiles-PVC Coated Fabrics with manufacturing in Belgium and France.

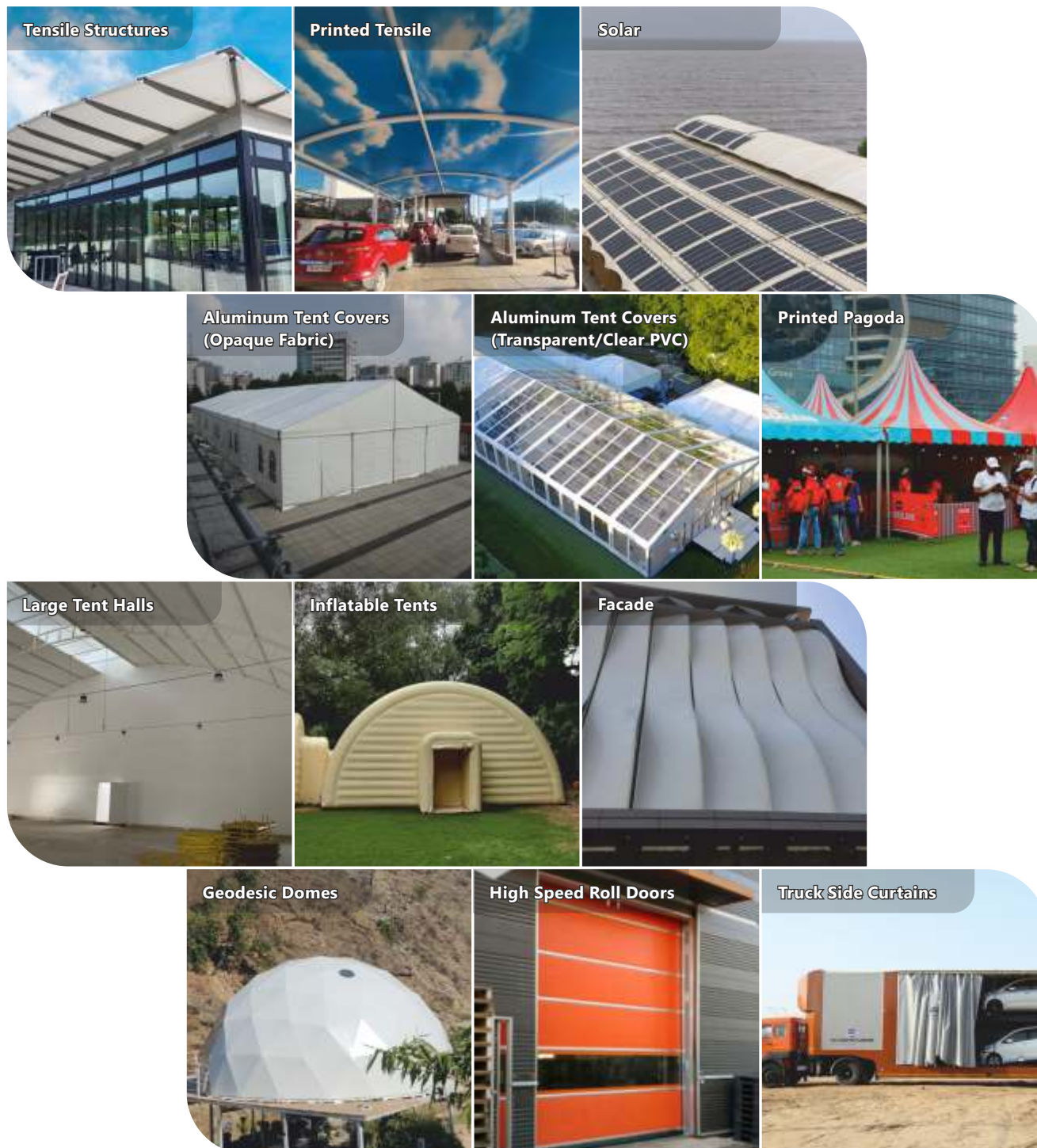
Founded in 1960; is a diversified group with headquarters in Ardoos, Belgium (Europe); and a team of more than 4500+ employees.

Sales of more than 80 mn SQM p.a. - around Euro 700 million turnover in 2022 (approx. INR 6,300 crores).

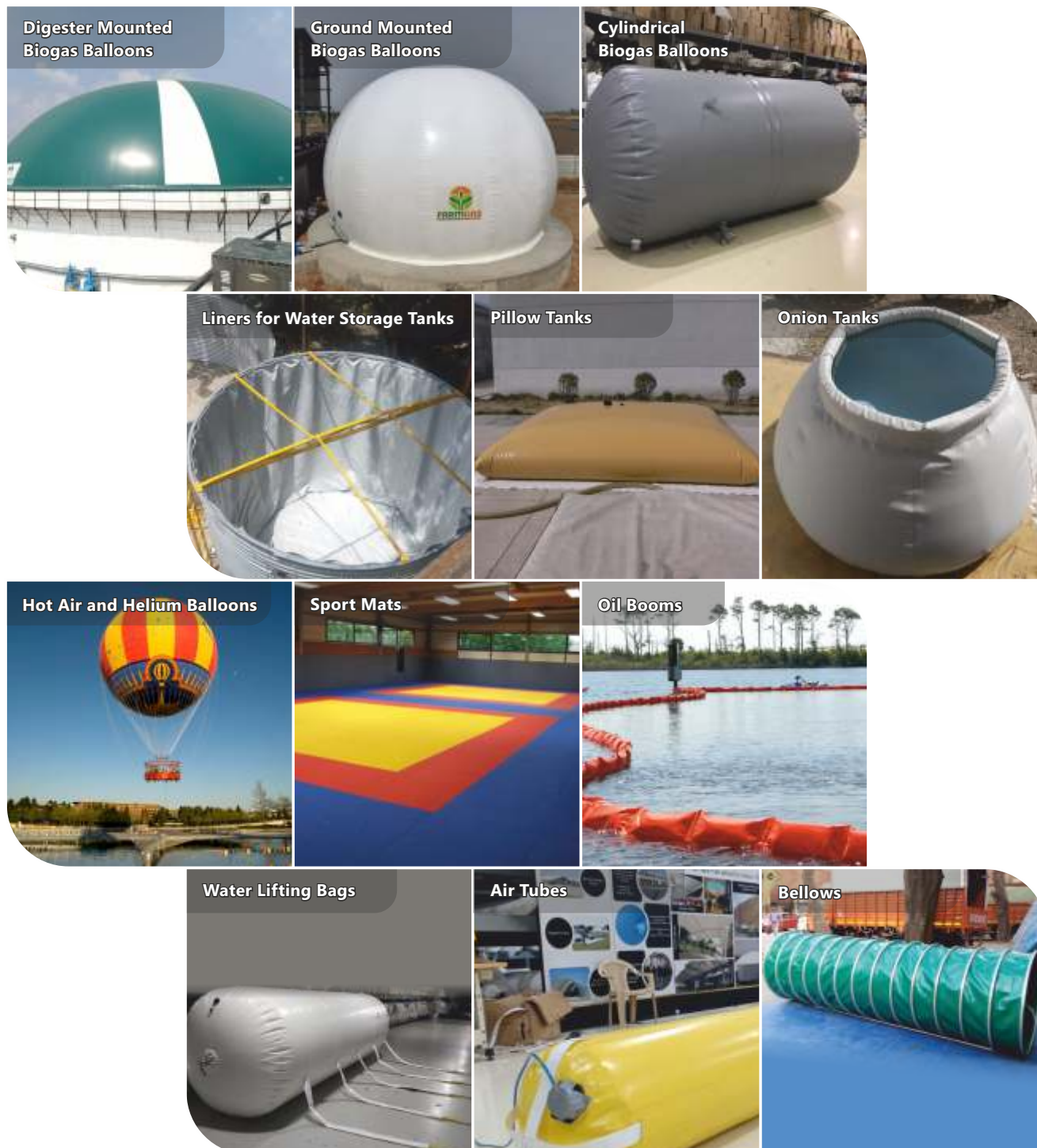
Sales in more than 80+ countries and 38 subsidiaries in 14 countries.



OUR APPLICATIONS



OUR APPLICATIONS



WHY CHOOSE US



Organised Player with European Standard Factory.
Set-up, Technical Expertise & Skilled Team since 2006.

PVC / PVDF Coated Fabric from our European partner - **SIOEN**® Industries, Belgium.



Engineering Software from Germany.

Fully Automated Swiss Cutting Machine.
Cutting at it's Perfection, Accurate to the last millimeter.



State-of-the-art High Frequency Welding Machine.
Ensures error free seamless welds for better Aesthetics & Durability.

HP Latex Large Format Printing Machine.

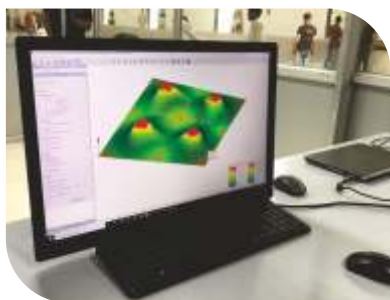


Rigorous R & D Activities.

Competent Team of over 100+ people.



SMART ENGINEERED SOLUTIONS



RIGHT DESIGN / ENGINEERING:

Designed on Original Membrane Software, Easy / TechNet, Germany: which does load/ stress analysis & gives correct patterns. Optimised form for higher resistance against ponding, high winds & heavy rains.

RIGHT PRODUCT:

Tried, tested & proven: European Fabric manufactured by SIOEN Industries, Belgium PVC Coated Fabrics from Type 0 to 5 with strength from 2,500 N/5cm to 10,000 N/5cm. All our fabrics are Protective Lacquered (Both Sides) - PVDF or Acrylic (where applicable)
 UV Protected, Flame Retardant to the most stringent European Standards (where applicable)



RIGHT CONFECTION:

Automated Cutting: The Fabric is cut using the latest conveyerised equipment from ZUND, Switzerland, fully automatic, accurate to the last millimeter thereby ensuring perfect sizes.

Automated High Frequency Welding: The Fabric is then welded on the most advanced & sophisticated equipment from FORSSTROM, Sweden, fully automatic, error free welds ensuring the weld strength which is almost equal to the fabric strength.

Sealing of Seams: We seal the seams which prevents entry of Gas into the base Polyester fabric- thereby preventing damage & increasing durability. This also prevents gas/air leakage / loss.

QUALITY CONTROL - DURING & POST-PRODUCTION:

Testing of the balloons undergoes these stages:

- Cutting 25% of panels.
- High Frequency Welding.
- On Production Completion - Key Measurements.
- Cold peeled Weld test
- Hot peeled Weld test
- Strength Testing



OUR SPECIALITY

Now **add life / durability** to your product

OUR RESEARCH & DEVELOPMENT ACTIVITIES

Investing in people, production, equipment and research

Addressing INDIA's need for High performance Engineered Solutions in PVC/PVDF Coated Fabrics has been a priority for Lucky since the company's inception in 2006. Through co-operative research, internal development, and global involvement, Lucky has provided innovative and effective market leading solutions in PVC/PVDF Coated Fabrics for applications such as Tensile Structures, Biogas, Gasholders, Truck Tarpaulins, etc. across the globe.

LUCKY's value & culture is based on the delivery and reliability of high quality products and solutions that are both effective and efficient. The cornerstones of our brand are the performance in advanced technologies, our innovativeness and services. Working in partnership with our customers is a driving force for the success of maintaining our leading position in the market. The LUCKY brand reflects the values of the company.

In 2018, we introduced ground breaking **SEAMLESS WELDING**, which closes the seams, strengthens the welds, thereby increasing the durability by over 35%.

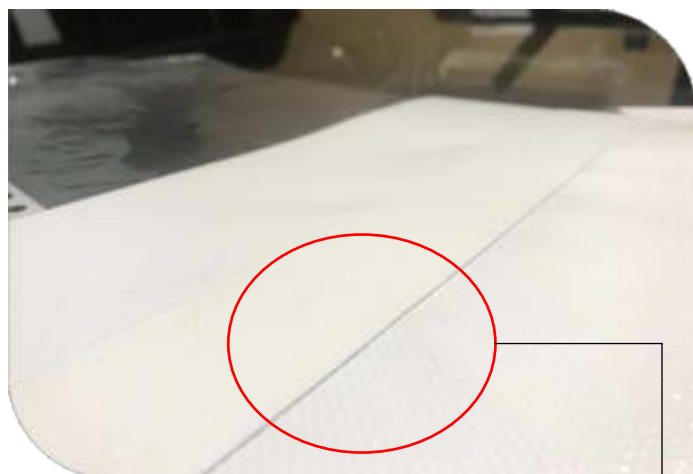
Sincerely,

SUMIT JHAVERI

CTO

SMART ENGINEERED SOLUTIONS

Our patent pending - **Seamless Welding** (where we SEAL the SEAMS to prevent Biogas / Air leakages from the seams) is one of our Big wins- **which gives your product 35% longer Durability than normal conventional products.**



NORMAL WELDING

BUMP ←

Polyester Fabric Exposed.



OUR EXPERIENCE. YOUR ADVANTAGE.



SEAMLESS WELDING

SMOOTH EDGES ←

Covered With PVC.

- Reinforces the Welds.
- Seals the Seams.
- Prevents Air, Gas, Water, Dust seeping into the base fabric.
- Fosters savings by preventing loss of Gas & Air due to leakage, seepage.
- Easy cleaning of Dirt, Dust accumulated at the Seams.

OUR EXPERIENCE. YOUR ADVANTAGE.

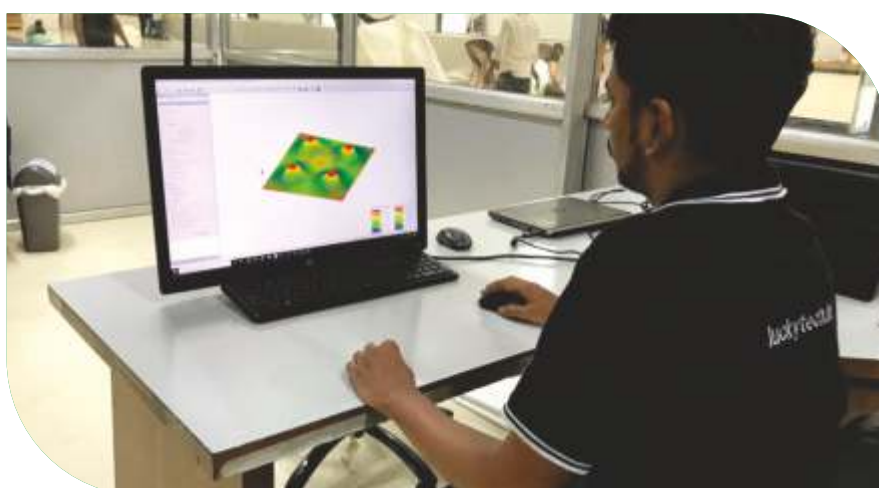
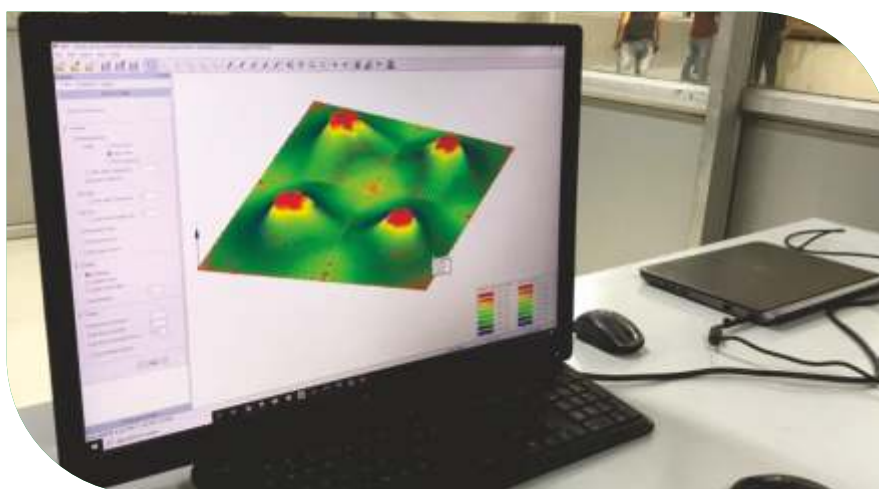
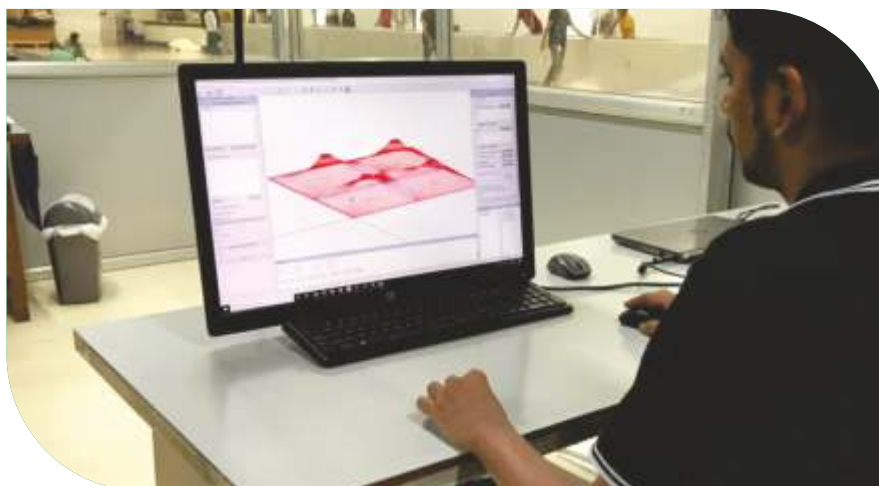
Most innovative & superior **PVC / PVDF** Coated Fabrics comes from our European partner **SIOEN**® Industries (Manufactured in Belgium/ France) tried, tested & proven Membranes since the last 60 years.

Our Membranes meet the most stringent European Standard.



OUR EXPERIENCE. YOUR ADVANTAGE.

We have the state-of-the-art Engineering set-up as European standards.
Engineering Software from TechNet Germany



OUR EXPERIENCE. YOUR ADVANTAGE.

Automated Cutting on ZUND Switzerland
Conveyorized Machine
Fully Automated
Accurate to the last millimeter



OUR EXPERIENCE. YOUR ADVANTAGE.

Forsstrom, Sweden High Frequency Welding (5 Nos.) :

20 KW Stationery

20 KW Forsstrom (36 mtrs Traveling with 2 welding heads)

20 KW Forsstrom (20 mtrs Traveling with 1 welding head)

20 KW Gantry



OUR EXPERIENCE. YOUR ADVANTAGE.

DIGITAL PRINTING - HP LATEX
ON OUR PVC COATED FABRICS

Now Print Your Heart Out ! Stand Out

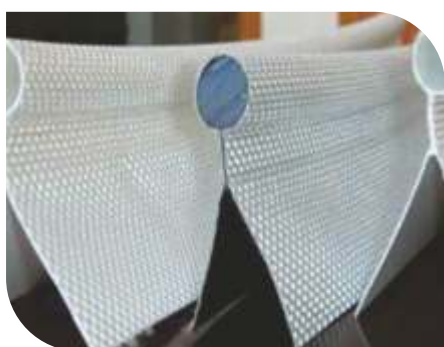


PRINTING (on HP LATEX) now available on our range of SIOEN Membranes & Facades. Printed on-demand, our substrates achieve the best hard-wearing resistance combined with freedom of choice in design and ideas. Trust us, it will be fun to add graphics on our regular white fabric.



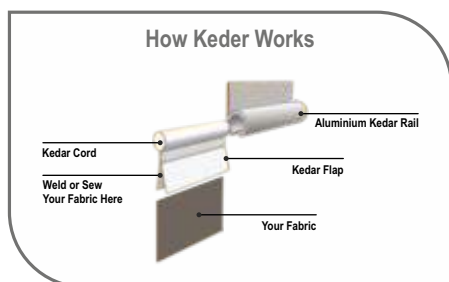
OUR EXPERIENCE. YOUR ADVANTAGE.

EUROPEAN MAKE ACCESSORIES -
KEDERS - TECHNICAL TEXTILE REINFORCEMENT



Keder is a PROFESSIONAL Attachment mechanism in a Tensile / Tent Structures. Keders are being used in conjunction with a coated textile and enables the user to slide the textile through a profile.

A unique construction of heavy duty coated polyester fabric welded to a cord of solid PVC material, resulting in a very strong, flexible and slippery product that slides easily and effortlessly, also bends around curves.



It is available in many specifications (sizes, colours, weaves) or can be manufactured as per specific requirements.

Our product is specially designed for making:



German Hanger



Tents



Truck Tarpaulins



Textile Architecture Structures



Industrial Curtain / High Speed Roll Door



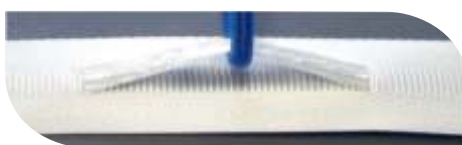
Pool Cover

OUR EXPERIENCE. YOUR ADVANTAGE.

EUROPEAN MAKE ACCESSORIES - REINFORCEMENT WEBBING (WELDABLE)

Our **Weldable Webbing** is manufactured from ultra-high tenacity polyester yarn and PVC coating emulsion to ensure a top quality webbing which remains durable and versatile.

We weld these webbings directly onto the parent fabric; which adds to the durability of the Tensile Structure.



The webbing we provide not only adds strength to the fabric structure but also improves the reliability of any accessories attached to the fabric like buckles & rollers in case of Truck Side curtain, rivets in case of media flex, etc.

Weldable reinforcement webbing is easier to use, faster, and stronger than sewn alternatives (no thread, no needle holes).

QUALITY CONTROL

WELD TESTING – COLD PEELED



TEST RESULTS

TEST PARAMETER	RESULTS	METHOD OF TEST
Welding strength, Kgf/5cm	-	IS:7016 Part2:1981 RA03
Warp	616	
Weft	704	

WELD TESTING – HOT PEELED



QUALITY CONTROL

PRESSURE TESTING

Test Results

TEST PARAMETER	RESULTS	METHOD OF TEST
Hydrostatic Pressure Head Test	-	IS:7016 Part VII-1986
Water Column Height 100 cm. duration 30 min.	-	
Wetting of Outer Surface	No Wetting is observed.	
Water Leakage	No leakage is observed.	
Water Column Height 900 cm. duration 30 min.	-	
Wetting of Outer Surface	No Wetting is observed.	
Water Leakage	No leakage is observed.	

STRENGTH TESTING





Certificate of Registration

This is to certify that

LUCKY-TECH MEMBRANES PVT LTD

LUCKY HOUSE, HISSA NO 2726, NEXT TO BUILDING B2, KRIPA INDUSTRIAL ESTATE, SONALE, BHIWANDI-421 302. MAHARASHTRA. INDIA.

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

Manufacturing of PVC/PU/TPU Coated Fabrics (Plastic Film Reinforced by Fiber), Tensile Architectural Membranes, PVC Tarpaulins, Awnings and Sunblinds, Tents & Hanger Cover, Sails for Boats/Boat Covers, Flexitanks /Flexible Tanks for Liquid Storage, Onion-Tanks for Liquid Storage, Biogas Domes & Balloons, Truck Tarpaulin/Covers/Side Curtains/Roof for Trailers/Tipper Cover System and Technical Textiles, Train Covers, Inflatable Characters, Inflatable Dome, Inflatable Structure, Inflatable Balloons, Oil Boom, High Speed Door (Roll Door), Pond Liners, Fencing Mesh, Sports Mats, Pool Mesh/Pool Cover

Date of Initial Registration: 25th November 2022

Certificate Expiry: 24th November 2025

Date of this Certificate: 25th November 2022

Recertification Due: 24th November 2025

Certificate Number: Draft



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit. (In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocert.org

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP

142, 1st Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)

Website : www.qrocert.org, E-mail : info@qrocert.org

A FEW TESTIMONIALS

“It took me a while to find this company. I had sieve through so many fake manufacturers before I came across these guy. The two brothers are very knowledgeable in their field. They have been in PVC membranes business for generations! Now the company is working on international level with imported materials. Top notch I must say! **Their setup is very impressive.** Swiss made plotters, industrial printers. The high frequency welding is fully automated, they have a 35 meter long table for welding and a couple of stationery welding heads. The staff is very well trained and experienced, they have worked together for over 10 years as a team. **These guys make the impossible happen!** A job that would take 2-3 months to complete in Europe or china- they have estimated 6 weeks, but delivered it in just one month! And with top notch quality and attention to detail! **Good Job,** I truly recommend working with this company if you are looking for PVC membrane work.”

MotoHolic Sergey

“**It’s been 10 years since we associated with Lucky international.** It was an absolute pleasure working with Punit and team. Punit and Sumit are very professional and great to work with! **They exceeded my expectations every time.**

Great team of professional and ethics minded people. They deliver on time and are very, very reliable and easy to work with. Each time they have gone above and beyond to support us. The team is super friendly and thanks entire Lucky International team to be part of every project of Creative Skyz”

Shriniwas Devasani – Creative Skyz

A FEW TESTIMONIALS

We have Visited Lucky Tech for Assessment of Facility for supply of Biogas Membrane for our upcoming Biogas Project. **They are well expert in their field and their passion for excellency in every activity they do is unparalleled.** Their approach is process oriented and believing in adding value to customer. We wish Team Lucky Tech all the very best.

Thermax

"Thank u so much team lucky... Everything is perfect.. Timing, quality, easy to fittings.."

Aftab – Annex Awnings

"Outstanding Work team lucky...We have a great journey ahead of us."

Brendan – South Africa

"Team lucky great job done by you and on time. Really appreciated."

Jitendra – Pooja Corp

"Thank you for being solution oriented and for helping us move forward with the work"

Craig Little

We promise to be your **Strongest Supplier Partner**
in your growth journey.



- **Punit Jhaveri**
Director - Strategic Growth

We promise to give you the **Most Advanced Product**
to further your business.

- **Sumit Jhaveri**
Director - R & D



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www.sioen.com