

Tramix Textile

ENGINEERED TEXTILE SOLUTIONS





Who We Are

Tramix Textile UAE sets a new benchmark in institutional bedding, offering premium linen solutions tailored for hotels, resorts, healthcare institutions, and commercial laundries across the GCC.

Backed by Pakistan's leading vertically integrated textile manufacturers, our strategic production alliance creates a seamless supply chain that ensures consistent quality, engineered durability, and regional service agility — making Tramix Textile a dependable partner for both comfort-driven hotels and hygiene-sensitive institutions.



Production Capabilities

- Over 300,000 spindles producing specialized yarns for the hotel and hospitality sector using the finest ELS cotton sourced from Australia, the US, and Egypt (SICOT, PIMA, GIZA).
- Over 500+ Airjet Looms producing 7 million meters per month, including stripes, jacquards, and dobbys.
- 3 million meters of fabric processed every month with an automated lab system under strict quality supervision.
- Auto Stitching Unit of 500 machines providing the highest quality with a zero-defect rate to customers.
- Wadding Plant producing 4 tons of wadding material daily for filled articles.
- 6 Quilting Machines producing high-quality filled products.

Engineered For Performance



Tramix Hospitality Beddings are specially engineered to meet the diverse requirements of our customer base. Our manufacturing capabilities provide unmatched flexibility in raw materials, fabric construction, and finishing.

Key Properties:

- Zero Pre-Wash Required – Products are delivered “Room Ready.”
- Easy Ironing – Efficient and quick ironing results.
- Low Shrinkage Effect – Dimensional stability after multiple washes.
- Easy Identification – Integrated chip technology for tracking and sorting.
- Brilliant White – Stable high whiteness for a pristine look.
- Low Pilling – Outstanding gloss and soft touch.

Our vertically integrated system gives total control over every step — from yarn to final product — ensuring reliability, customization, and premium quality for every client.



Ensuring Quality

Process Stages



Team of Textile Engineers at every stage of production monitor every process and design products from scratch.

– Selection of Yarn:

- ELS cotton (Extra Long Staple Fiber cotton) sourced from the US, Australia, Egypt, and Brazil is selected for laundry products to withstand high wash cycles and temperatures.

– Weaving Compatibility:

- Weaving construction, number of ends and picks are decided to achieve ultimate smoothness, dimensional stability, and excellent pilling properties — adding extra life to the product and maintaining a fresh look after multiple washings.

– Processing:

- High-tech European machines process white fabrics while controlling bow and skew on every machine. Double singeing removes pilling, mercerizing adds sheen and stability, and optional peach finishing provides the highest softness.

– Stitching:

- Every stitched piece is audited on AQL 1.5 level to avoid any faults. Zero human-touch cutting and stitching ensure maximum hygiene — our “Room Ready” guarantee means products need no first wash before use.



Sample Spec Sheet



Comparison between our standard satin and plain fabric qualities used for hotel and healthcare bedding.

Property	T250 Satin	T180 Plain
Weight (+/-5%)	140 gsm	125 gsm
Material (Blended)	48% Cotton / 52% Polyester	48% Cotton / 52% Polyester
Poly Heat Setting	210°C	210°C
Weave	Sateen 4/1 Stripe	Plain 1/1
Spin Method – Warp	Ring Spun	Ring Spun
Spin Method – Weft	Ring Spun	Ring Spun
Yarn Grade – Warp	Combed	Combed
Yarn Grade – Weft	Combed	Combed
Yarn Count – Warp (Ne)	40s	24s
Yarn Count – Weft (Ne)	36s	24s
Density Warp (Greige/in)	134in	68in
Density Weft (Greige/in)	82in	62in
Weft Insertion	Single	Single
Sanforized	Yes	Yes
Mercerized	No	No
Selvedge Type	Tuck-in	Tuck-in
Sewing Thread	100% Polyester	100% Polyester
Bleaching Method	Continuous Double Peroxide Bleach	Continuous Double Peroxide Bleach
Dyeing Method	N/A	N/A
Tensile Strength Warp	115 lbs	95 lbs
Tensile Strength Weft	70 lbs	85 lbs
Pilling (Martindale – 3000 cycles)	Grade 4	Grade 4
Dimensional Stability	<2%	<2%
Bow & Skew	<1%	<1%
Info	Clear appearance, less hairiness to minimize fiber loss, faster drying and high wash resistance.	Dry touch ideal for healthcare and hospitality sheeting.

Our Results (100% Cotton T250 Stripe Satins)



Property	Specification
Weight (+/-5%)	140 gsm
Material (Blended)	100% Cotton
Items	Duvet Cover, Pillow Case
Weave	Dobby
Spin Method – Warp	Ring Spun Compact
Spin Method – Weft	Ring Spun Compact
Yarn Grade – Warp/Weft	Combed / Combed
Yarn Count – Warp (Ne)	50/1s
Yarn Count – Weft (Ne)	40/1s
Density Warp (Finished/cm)	61.42cm
Density Weft (Finished/cm)	38.19cm
Weft Insertion	Single Pick
Sanforized / Mercerized	Yes / Yes
Selvedge Type	Tuck-in
Sewing Thread	100% Polyester
Bleaching Method	Double Peroxide Bleach
Dyeing Method	N/A
Tensile Strength Warp/Weft	88 lbf / 69 lbf
Loom Type	Dobby
Pilling (Martindale – 3000 cycles)	Grade 3
Dimensional Stability	<5%
Bow & Skew	<2%
Info	Elegant dobby stripe design adds a luxurious touch. 15–20 g heavier than T300 satins, providing soft satin-like feel with durability for frequent laundering.



Products - A Wide Range

Endura®

EHigh-performance MVS fabric combining polyester strength with cotton softness for exceptional durability.

Dorea®

Blended fabric with a cotton surface and polyester base for long life and crisp comfort.

Aurea®

Luxury linen crafted from Egyptian and Pima cotton, offering unmatched softness and sheen.

Category	Options / Details
Blends	• 100% Long Staple Cotton • CVC (60% Cotton / 40% Polyester) • CVC (80% Cotton / 20% Polyester) • PC (50% Cotton / 50% Polyester)
Weaves	• Percale 1/1 • Plain Satin • Stripe Satin (4 mm, 6/24 mm, 10 mm, 20 mm, 0.5 mm pin stripe) • Dobby Designs • Jacquard Designs
Thread Count	• Starting from 144 TC to T1200 (T180 / T220 / T250 / T300 / T400 / T600 / T800 / T1000 / T1200)

Technical Fabrics

Tramix Textile also specialises in advanced technical textile solutions designed for industrial and functional applications. Our portfolio includes geotextiles, high-performance fabrics, composite pre-pregs, geobags, and medical textiles — all developed to meet demanding performance, safety, and durability standards.





Products — Endura®

Endura® is Tramix Textile's trademark range produced using MVS (Murata Vortex Spinning) technology.

This advanced method employs polyester staple fiber only in the core of the yarn, encapsulated by cotton fibers on the surface — combining the durability of polyester with the soft touch of cotton.

Key Features:

- Thermo-fixed and pre-washed.
- Significantly better resistance to industrial washing (250 + cycles).
- Fast drying rate and low shrinkage (2 – 3 %).
- High and sustained pilling resistance (Grade 2-3 over the entire life cycle).
- Minimal lint shedding – ideal for hygiene-sensitive environments.
- Soft touch and comfortable hand feel.
- Significant cost saving over the product lifecycle.
- Available in 140 – 300 Thread Counts.

Aspect	Conventional Textiles	Endura®
Performance – Wash Cycles	≈ 100 cycles	≈ 250 cycles
Smoothness / Appearance	Dulls after wash	Sustained finish
Abrasion / Pilling	Visible after few washes (Grade 2-3)	Sustains Grade 4
Moisture Absorption	Standard	20 % higher
Dimensional Stability	-2.50%	-1%
Lint Shedding	Normal	Minimal
Drying Time	Standard	20 % faster
Touch After Wash	Coarse	Soft and pleasant
Sustainability	Average	Less energy use + extended life
Lifecycle Cost	Base price	8-10 % higher cost → ≈ 50 % cheaper over 1000 uses

Sub-Ranges:

- T144 PC Percale – Basic sheeting (115 GSM)
- T180 Percale Plus – Heavy sheeting (150 GSM)
- T250 Satins & Stripe Satins (4 mm / 6 mm / 10 mm / Dobby options)

Products — Dorea®



Dorea® is a Tramix Textile range designed for blended products delivering high performance and long wash life.

Unlike ordinary blends, Dorea ® uses cotton floats on the surface for a soft hand feel and polyester on the back for superior durability

Key Features:

- Smooth appearance after multiple washes.
- Crisp touch retained even after industrial laundering.
- Combines comfort of cotton and strength of polyester.
- Designed for 150 – 200 wash cycles.
- Thread Counts from T144 to T300.

Aspect	100 % Cotton Textile	Dorea ® Blend
Performance – Wash Cycles	80 – 100	150 – 200
Smoothness After Wash	Moderate	High retention of finish
Abrasion / Pilling	Visible after few washes	Highly resistant
Moisture Absorption	Standard	20 % higher
Dimensional Stability	-5%	-1%
Lint Shedding	Normal	30 % reduced
Drying Rate	Normal	20 % faster
Sustainability	Standard	Less energy in drying over extended life
Cost Effectiveness	Higher operational cost	10-15 % more cost-effective overall

Sub-Ranges:

- T144 PC Percalé – Basic sheeting (115 GSM)
- T180 Percalé Plus – Heavy sheeting (150 GSM)
- T250 Satins & Stripe Satins (4 mm / 6 mm / 10 mm / Dobby options)



Products — Aurea®

Aurea® is Tramix Textile’s ultimate luxury range, offering unmatched softness, lustre, and coolness.

Produced from long-staple Egyptian and Pima cotton, woven on air-jet looms to prevent yarn abrasion.

Processing uses Benninger bleaching with skew control and Lafer soft-finish machines to deliver ultra-soft touch without loss of strength.

Available Weaves & Counts:

- Percale, Sateen, Dobby, Stripe patterns
- Thread Counts from T180 to T1200
- Dense, soft, luxurious fabric for high-end comfort

Aspect	Standard 100 % Cotton	Aurea® Luxury Range
Performance – Wash Cycles	80 – 100	150 – 200
Smoothness / Appearance	Basic softness	Exceptional softness & lustre
Abrasion / Pilling	Moderate	Highly resistant
Moisture Absorption	Standard	20 % higher
Dimensional Stability	-5%	-2%
Lint Shedding	Normal	30 % reduced
Drying Efficiency	Standard	20 % faster due to lower volumetric weight
Sustainability	Standard	Energy-saving, extended life cycle, recycled polyester optional

Sub-Ranges:

- T200 Satin 100 % Cotton
- T250 Satin / T250 Stripe Satin
- T300 Satin / T300 Stripe Satin
- Available up to T1200 count

Products - Utility Bedding



Our **bedding** components are engineered for long service life, high wash endurance, and superior comfort.

Ready-to-Fill / Shell Products:

- Pillow Shells
- Cassette Shells
- Protectors

Filled Products:

- Mattress Pads
- Pillows
- Quilted Protectors
- Comforters & Duvets

Fiber Options:

Fiber-proof and down-proof range available to meet luxury and performance requirements.





Duvet Inserts for Down Alternative Filling

Our **comforters** and **duvets** feature **baffle-box construction** — internal fabric walls (baffles) create individual compartments to secure filling and maintain uniform loft.

This ensures even warmth, improved durability, and a plush, balanced appearance throughout use.

Construction Details:

- Fabric baffles run perpendicular to top and bottom layers.
- Down or fiber fill is evenly distributed in each compartment.
- Minimizes cold spots and fiber migration.





Products - Healthcare Range

We understand the unique challenges of healthcare facilities: **comfort, durability, hygiene, and easy-care.**

Our **Dorea® Healthcare Range** is engineered to meet these demands without compromise — delivering cotton-soft comfort and industrial-grade endurance.

Performance Highlights:

- Comfort of cotton with the long life of synthetic fibers.
- Manufactured using MVS technology for 250 + wash cycles.
- Low shrinkage ($\leq 2\%$), extremely low linting, and hygienic finishes.

Feature	Details
Fiber Options	Cotton-rich blends / Umer-Tex® MVS yarns
Weave Types	Percale • Sateen • Stripe • Dobby • Jacquard
Thread Counts	140 – 180 – 200 – 300
Custom Options	Logo embroidery • Piping • Trim choices
Finishes	Mercerized • Sanforized • Pre-shrunk • Wrinkle-free • Peach finish • Stain-release • Antibacterial



Products - Terry Towels



Terry Towels from Tramix Textile are crafted for luxury, strength, and industrial laundry endurance.

They retain comfort, fluffiness, and absorbency through repeated use while meeting strict hygiene standards.

Features:

- Low Linting → Less fiber & weight loss.
- Pre-Tumbled → High loop strength & extra fluff.
- Easy Identification → Chip-encoded labels.
- Brilliant White → Stable high whiteness.
- Double Stitch → Durable hems and seams.
- Energy-Saving → Optional poly-blend reduces drying time.

Range	GSM	Description
Base Range	400 GSM	Soft, economical, quick-drying
Mid Tier	500 GSM	Enhanced plushness & absorbency
Super Range	550 GSM	Luxury hotel grade
Sizes Available	—	Hand • Face • Bath • Bath Sheet • Beach Towel



Products - Bathrobes



Bathrobes are among the most loved items in our collection, providing both style and comfort.

Type	Fabric / GSM	Description
Terry Bathrobe	350 GSM Cotton Terry	Classic hotel robe – absorbent & cozy
Micro Waffle Bathrobe	350 GSM Microfiber Waffle	Lightweight & quick-dry
Velour Bathrobe	350 GSM Velour Finish	Ultra-soft & plush luxury



Products - Table Linen & Uniforms



Tramix Textile provides **complete apparel and linen** solutions for **hospitality** and **healthcare** operations.

Offerings:

- Table linen for restaurants, banquets, and hotels.
- Stitched uniforms for hospitals and clinics including scrubs, tunics, gowns, doctor and resident coats, OT and patient gowns.

Fabric Attributes:

- Durable blends for easy maintenance.
- High colorfastness and wrinkle resistance.
- Comfortable fit for long working hours.



Certifications/ Compliances



Tramix Textile UAE maintains the highest global standards of quality, safety, and sustainability across all production lines.

Our manufacturing and sourcing comply with leading international certifications that ensure confidence, transparency, and accountability for our partners.

Certification / Standard	Description / Coverage
ISO 9001 / ISO 14001	Quality & Environmental Management Systems
Oeko-Tex Standard 100	Textile Safety – Free from harmful chemicals
Global Recycled Standard (GRS)	Traceability & verification of recycled materials
BSCI / SEDEX	Ethical & social compliance through the supply chain
REACH / ZDHC Compliance	Responsible chemical management in processing
OE & GOTS (Optional)	Organic cotton certification for select ranges

Our commitment to these frameworks guarantees that every Tramix Textile product is safe, sustainable, and ethically produced.



Our Clientele



Over the years, Tramix Textile has earned the trust of leading hotels, resorts, healthcare institutions, and industrial laundries across the GCC and beyond.

We proudly serve:

- Five-star hotels and international hospitality chains.
- Boutique resorts and serviced apartments.
- Healthcare networks and medical facilities.
- Institutional laundries and linen service providers.

Our dedication to quality, customization, and timely delivery has made us a preferred textile partner for premium clients.





Contact & Technical Support

Need help choosing the right fabric or solving existing linen performance issues?

Our Technical Support Team offers free guidance, testing, and recommendations

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DESIGNED FOR DURABILITY
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