

| Member Reliance Group



Innovating for a Sustainable Tomorrow



**100% Bleached Absorbent Cotton**  
Pure. Safe. Globally Compliant.

## Purity You Can Trust, Quality You Can Feel

Sintex Industries has redefined the Indian textile landscape, emerging as a symbol of innovation, scale, and sustainability. Located in Gujarat, the largest cotton-producing state in India, Sintex operates India's largest spinning plant, with over 6.73 lakh spindles spread. This remarkable achievement has established Sintex as a leader in the industry.

Sintex is a leading manufacturer of absorbent cotton (Surgical Cotton) in India. Known for its high absorbency, our cotton is widely used in the medical industry for dressings and other applications. Our purified cotton is free from residual chemicals and toxins, making it ideal for Surgical applications and feminine hygiene products like sanitary pads, Cotton Buds, Tempons and Cotton Rolls. We ensure our cotton is 100% pure, and meets international quality standards through automated and hygienic manufacturing processes.

### Globally Positioned for Reliable Supply

With a strong presence across **Europe, USA and Asia** and a robust domestic footprint, we're built for **scale and speed**:

Just 15 km from **Pipavav Port**

Warehousing hubs in **Lunsapur** and **Tirupur**

Ensuring efficient delivery, reduced lead times and smooth global operations

**Medical-Grade Cotton | Global Compliance | Zero Residue**



# Product Portfolio & Technical Specifications

Product name	ML	UHML	MIC	UNIT
100% Bleached cotton comber	>10	>15	>3.3	MM
100% Bleached long staple Virgin cotton	>23.5	>28.5	>4.4	MM

## Bleached Cotton Technical Specifications

Bleached Absorbent Cotton Technical Properties & Testing Parameters(AS PER IP/BP/EP/USP STANDARDS)			
TSET DESCRIPTION	UOM	Standards	Our Range/Result
Identification of Fiber	%	Cotton	100% Cotton
pH	-	5.5 ~7.2	6.5 ~7
Sinking Time	Sec.	<10	3.2 ~4.4
Water Holding Capacity	gm/gm	>23	23.6~28.5
Surface Active Substance	mm	<2	Nil
Water Soluble Substance	%	<0.50	0.25
Ether Soluble Substance	%	<0.50	0.3
Sulphate ash substance	%	<0.40	0.2
Acidity/Alkalinity	Phenol/Methyl	No change in Pink or Red	Complies
Loss of Drying	%	<8	6 ~7.5
Colour of Matter	-	Nil	Nil
Whiteness (hunter lab)	%	>90	94.0
Whiteness (CIE lab)	%	>78	89.0
Contamination	%	Nil	Nil
Fluorescence	-	Nil	Nil
Micronaire	-	>3.2	3.3 ~3.6

## Packaging Standard

Particulars	Standard
Bale Weight	200kg +/- 10kg
Bale dimension (Meter)	L-1.14 m, W-0.65 m, H-0.91 m
Bale density	2.97 +/- 10kg / m³ (or as per customer requirements)
Packing material	HDPE woven with 8 PET straps. (export-grade, moisture-resistant and tear-proof.)
Labeling	Quality, Batch no, Bale no, Net & Gross Weight.
Loading capacity	In 40 HQ container – 19.5 Ton +/- 5%



## Bleaching Capacity

### Capacity(MT/Day)

20 MT

### Capacity(MT/Month)

600 MT

## Remark

- Goods can be supplied in soft, crispy, or unfinished forms as per the requirement.
- For bleached cotton, we can supply cotton according to request and demand from different origins, including the US, Australia and Brazil.
- For comber, we offer Indian cotton comber as well as a mix of US, Australian and Brazilian cotton and can supply as per request.

## Machine Setup

Dept / Section	Process	Type & No. of Machines
Bale Opener & Wet Press	Loading & pressing	Laroche-2, CDB-2
Fibre Bleaching	Bleaching	CDB-6, CDB Sample-1, Set of Press, Bleach, Hydro & Unloading
Fibre Drying	Cake Unloading	CDB-1
	Wet Cake Opener	CDB-1
	Fine Opener	CDB-1
	Continuous Hydro	R.R.-1
	Fine Opener	ENES-1
	Drying	ENES-1
	Opener	Trutzschler – TOT 1
	Contamination Sorter	Trutzschler – TST 3
	Metal Detector	ELGI – ARGUS
Bale Press & Packing	Packing	ENES-1

## Testing Instruments

Machine Name	Make
Matching Cabinet	X-RITE
Hot plate	MAG
Hot air oven	MAG
CCM- Spectrophotometer (Ci7860)	X-RITE
Moisture analyzer	CONTROLTEC
pH meter	METTLER TOLEDO
Digi Moisture Meter	MAG
Uster HVI 1000	USTER
Muffle Furnace	SSPL
Measuring Balance	METTLER TOLEDO
Desiccator	BOROSIL
Stop Watch	RACER
Soxhlet Extraction Apparatus	HOLY SCIENTIFIC

## Credentials



**Sanitary  
Pads**



**Cotton  
Rolls & Balls**



## Product Applications

**Cotton  
Pads &  
Ear Buds**



**Non woven**



## What Makes Sintex Bleached Cotton Unique?



### Daily Capacity

Inhouse generation of 50 MT top grade comber for bleaching



### Global Sourcing

Cotton sourced from India, US, Australia, Brazil, Egypt and Africa



### Global Compliance

Meets standards of EU, US, UK, Japan and Indian Pharmacopoeia



### Organic Excellence

Full traceability ensures transparency and product authenticity



### Advanced Bleaching

European and Turkish machinery for consistent, pharma-grade purity



### Logistics Advantage

Proximity to Pipavav Port, plus long-term shipping contracts for fast delivery



Innovating for a Sustainable Tomorrow

### Sintex Industries Limited (Yarn Division)

#### Corporate Office

Lower Ground Floor, Acropolis Mall, Near Thaltej Metro Station Entry Gate, Thaltej,  
S. G Highway, Ahmedabad – 380054, Gujarat, India.  
CIN: U17110GJ1931PLC000454

#### Manufacturing Unit

Lunsapur Village, Jafrabad Taluka, Dist. Amreli – 365540, Gujarat, India.

### Get in Touch

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### Follow Our Journey



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