



Export Potential & How to Boost Man-made Fibre Textiles, Home Textiles & Technical Textiles from Madhya Pradesh

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Contents

1

Global Synthetic Market Overview

2

Global Trends Impacting the Synthetic Market

3

India Synthetic Market Overview

4

Global and Indian Technical Textiles Market Overview

5

What Makes Companies Globally Successful?

6

How Indian and MP Can Tap the Global Export Opportunity?



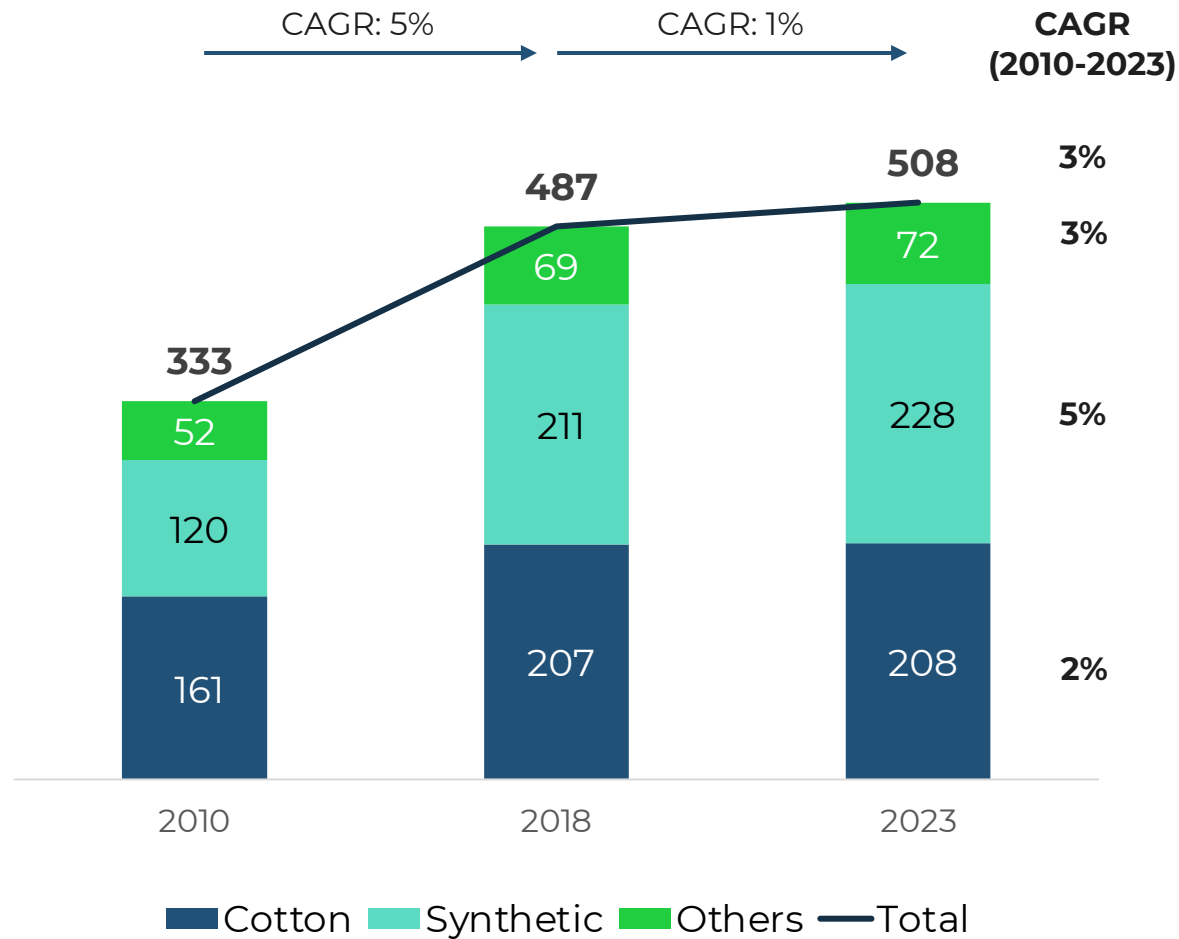
Global Synthetic Market Overview



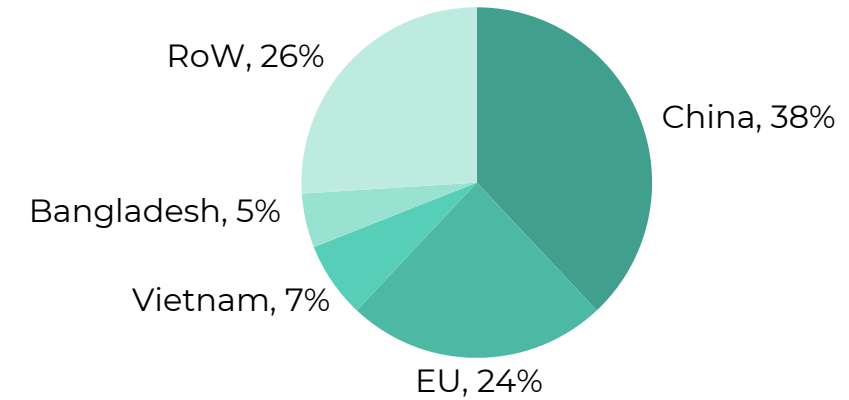
Synthetic apparel has led global trade growth over the past decade

Global Apparel Trade

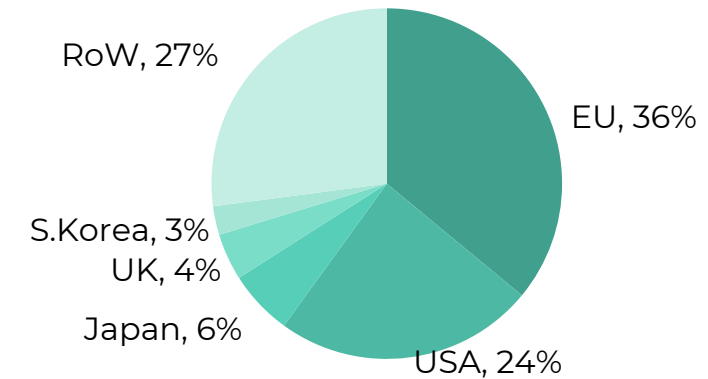
Values in US\$ bn.



Major Global Exporters in Synthetic Apparel (2023)



Major Global Markets in Synthetic Apparel (2023)

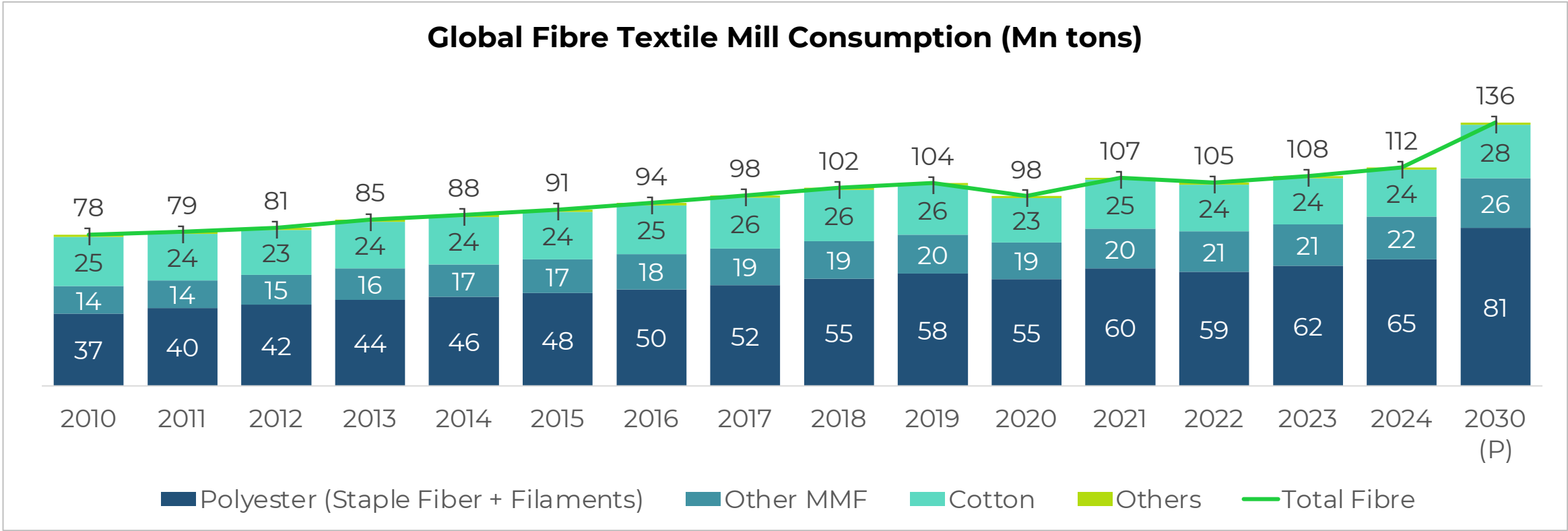


Huge export opportunity exists for India in various synthetic garment categories

Synthetic Woven Apparel – US\$ 101 bn. (44%)		
Top Categories	2023 (US\$ Bn)	India's Share
Overcoats	29	0.1%
Trousers	19	0.9%
Dresses	9	6.9%
Jackets	9	0.8%
Track Suits	8	4.5%
Others	27	2.9%
Total	101	2.0%

Synthetic Knit Apparel – US\$ 127 bn. (56%)		
Top Categories	2023 (US\$ Bn)	India's Share
Sweaters	29	0.2%
T-shirts	15	3.5%
Trousers	14	0.3%
Brassieres	11	0.5%
Dresses	5	1.4%
Others	53	0.8%
Total	127	0.9%

Globally, synthetic fiber demand will continue to grow



CAGR	Polyester	Other synthetic#	Cotton	Others*	Total Fibre
2010-24	4.1%	3.2%	-0.4%	-0.2%	2.7%
2024-30	3.7%	2.6%	2.3%	0.8%	3.2%

Share of Total Fiber Demand (%)			
	2010	2024	2030 (P)
Cotton	33%	21%	20%
Synthetic	66%	78%	79%
Others	1%	1%	1%



Global Trends Impacting the Synthetic Market

Comfort wear as a way of life



- Versatile styles that transition from workout to casual settings are in high demand.
- Sportswear is merging with casual fashion, making performance wear acceptable for daily wear.
- Loose, oversized fits and retro-inspired designs are gaining popularity.

Potential of MMF in Home Textiles

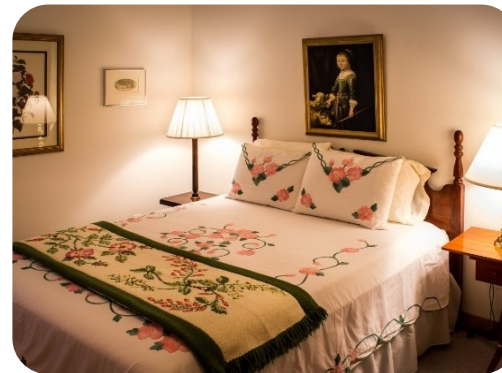
Home Textile Trade Share		
Categories	Global Trade (US\$ bn) (2023)	CAGR (2017 – 23)
Rugs & Carpets	16.4	1%
MMF	12.4	9%
Others*	4.0	-11%
Bed Linen	14.2	5%
Cotton	8.8	4%
MMF	3.4	5%
Others*	2.0	9%
Furnishing (Curtains)	9.5	4%
Cotton	0.3	5%
MMF	6.5	5%
Others*	2.7	-2%
Blankets	5.7	4%
Cotton	0.5	7%
MMF	4.5	4%
Others*	0.7	4%
Home Linen	3.2	8%
Cotton	0.4	1%
MMF	2.4	11%
Others*	0.4	7%



Rugs and Carpets



Mink Blankets



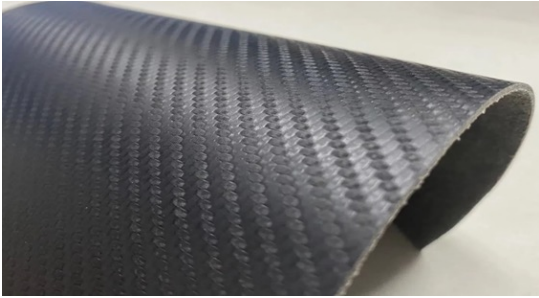
Polyester Bed Linens



Polyester Curtains

Majority of product innovation happens across synthetic products

Activewear and Sportswear



Synthetic fibers offering durability, softness, and high moisture-wicking properties

Graphene-Enhanced Fabrics



Graphene Jacket a fully MMF jacket infused with a graphene coating which makes it heat-conductive, durable, and antimicrobial

Bio-Based Synthetic



Sorona fabric (by DuPont) partially made from Corn-Glucose, uses 37% less energy and reduces greenhouse gasses by 67%

Smart Textile



MMF fabrics with **embedded microcapsules** that absorb, store, and release heat which helps to regulate body temperature.

Global synthetic trade is dominated by China, however, opportunity exists for other countries due to geopolitical scenario

Share of various countries in global exports

Categories	Global Exports (US\$ Bn.)	China	Bangladesh	Vietnam	Türkiye	India
Synthetic Apparel	228	39.9%	5.2%	8.0%	2.8%	1.4%

	Global Exports (US\$ Bn.)	China	Türkiye	Italy	Japan	India
Synthetic Fabric	65	65.4%	3.6%	2.9%	2.4%	2.5%

	Global Exports (US\$ Bn.)	China	USA	Türkiye	Thailand	India
Synthetic Yarn (Spun and Filament)	29	41.6%	5.8%	5.4%	4.1%	5.2%

	Global Exports (US\$ Bn.)	China	USA	S. Korea	Thailand	India
Synthetic Fiber	11	23.1%	10.8%	8.8%	6.8%	3.7%












India Synthetic Market Overview

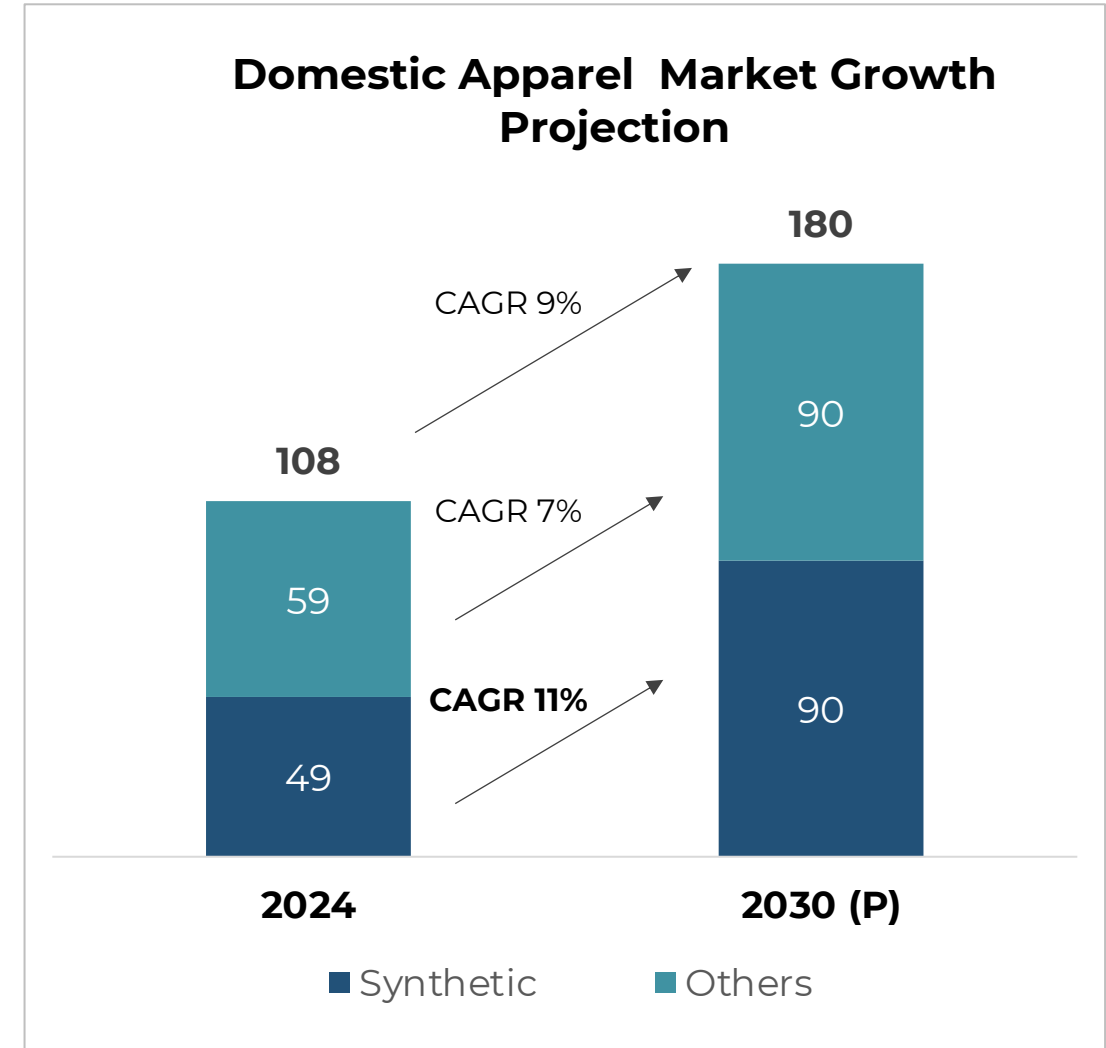


Domestic market is growing especially in synthetic categories

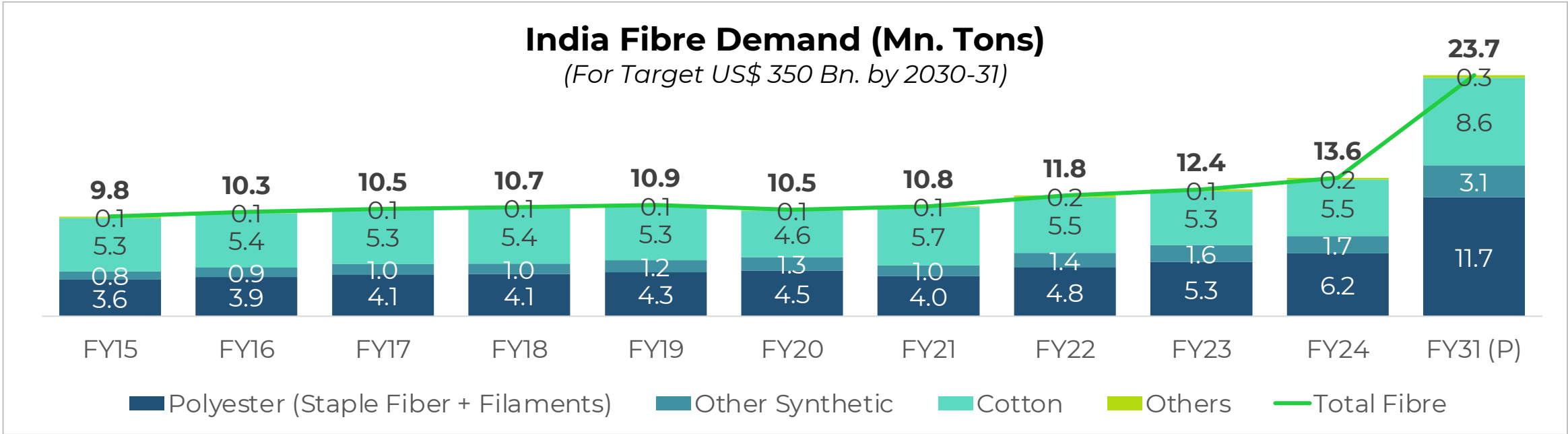
Values in Rs. Thousand Crores

Top Indian Sportswear Brands		FY 20	FY 24	CAGR
	Decathlon	2,208	4,066	16%
	Puma	1,215	3,274	28%
	Adidas	1,198	2,507*	28%
	Nike	760	1,200	12%
	Wildcraft	322	543	14%
	Asics	162	431	28%
	Nivia Sports	221	423	18%
	Technosport	74	385	51%
	Shivnaresh	170	303	16%

Values in US\$ Bn.



Synthetic fiber demand will continue to grow



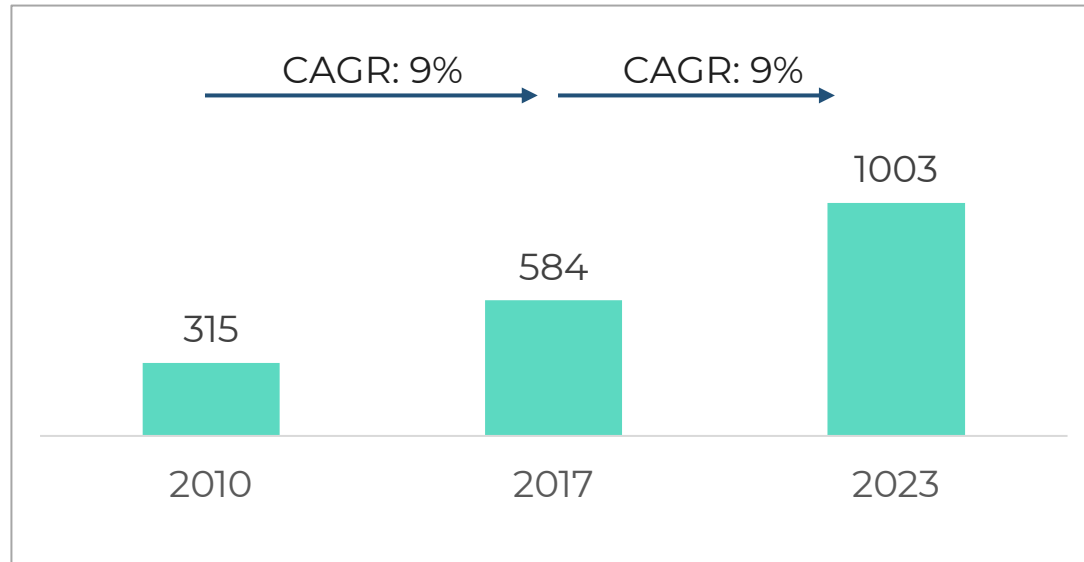
						Share of Total Fibre Demand (%)			
CAGR	Polyester	Other Synthetic#	Cotton	Others*	Total Fibre		FY15	FY24	FY31
2010-24	6.2%	8.6%	0.6%	1.7%	3.7%	Cotton	54%	41%	36%
						Synthetic	45%	58%	63%
2024-30	9.5%	9.1%	6.5%	7.8%	8.3%	Others	1%	1%	1%

- Overall higher fibre volume growth is required in future largely driven by higher target of US\$100 bn exports, while domestic market will continue to grow in steady state

India has an import substitution opportunity of US\$ 1.4 bn. in synthetic fabrics

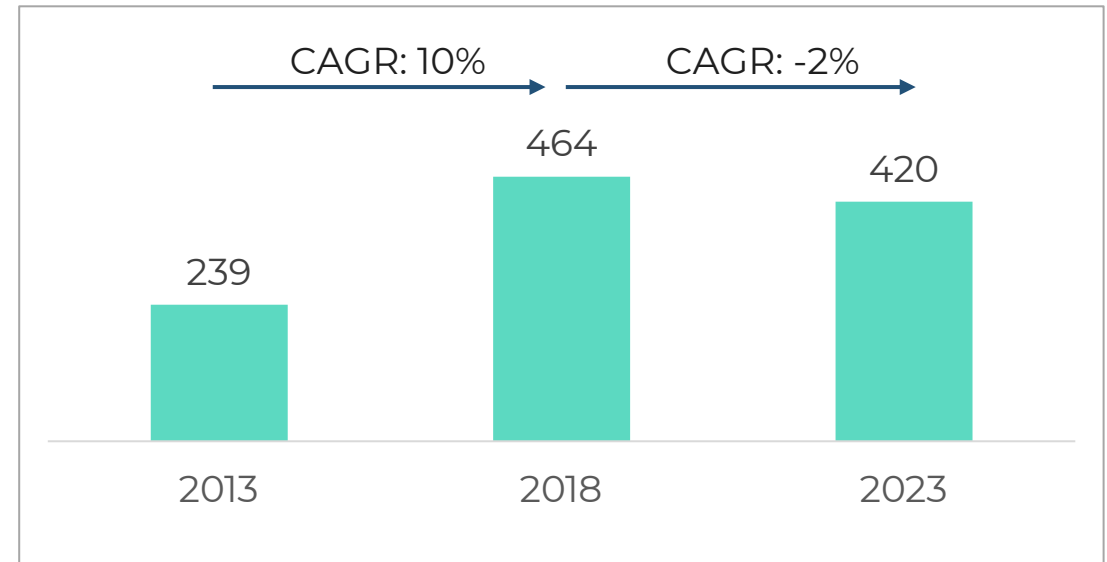
India's Knit Fabric Imports

Values in US\$ Mn.

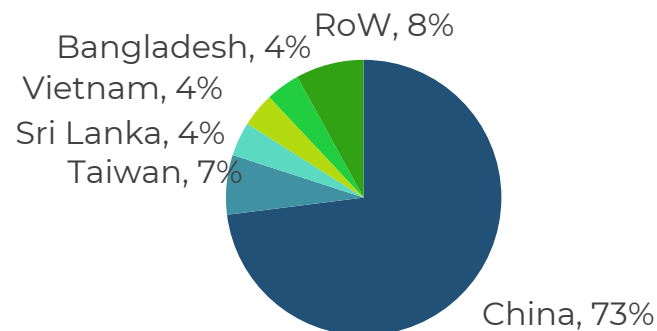


India's Woven Fabric Imports

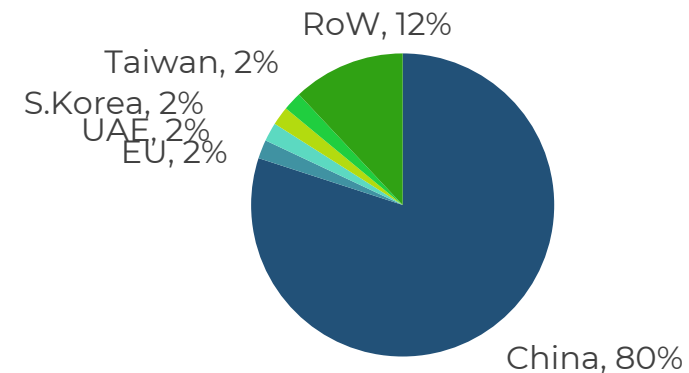
Values in US\$ Mn.



Key Import Partners for India in Synthetic Knit Fabrics



Key Import Partners for India in Synthetic Woven Fabrics





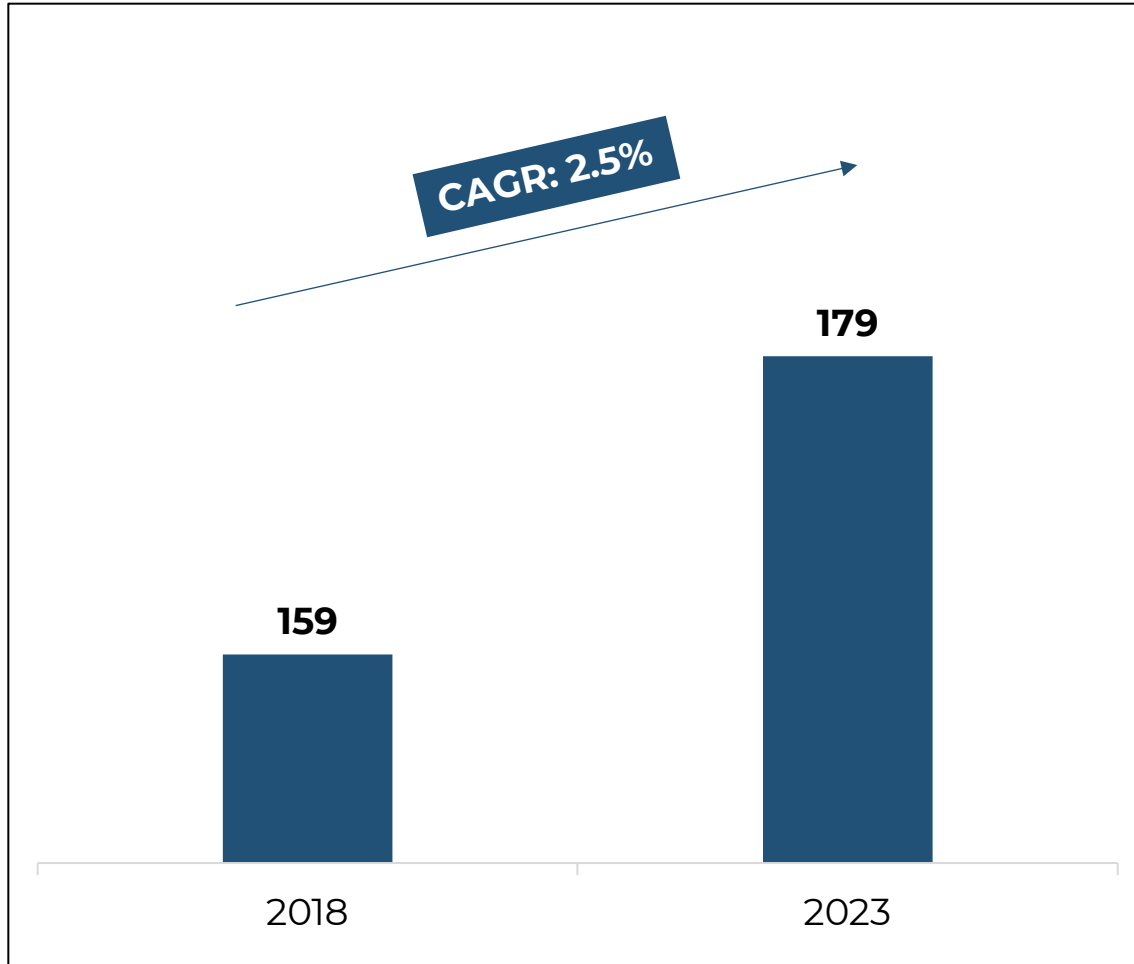
Global and Indian Technical Textiles Market Overview



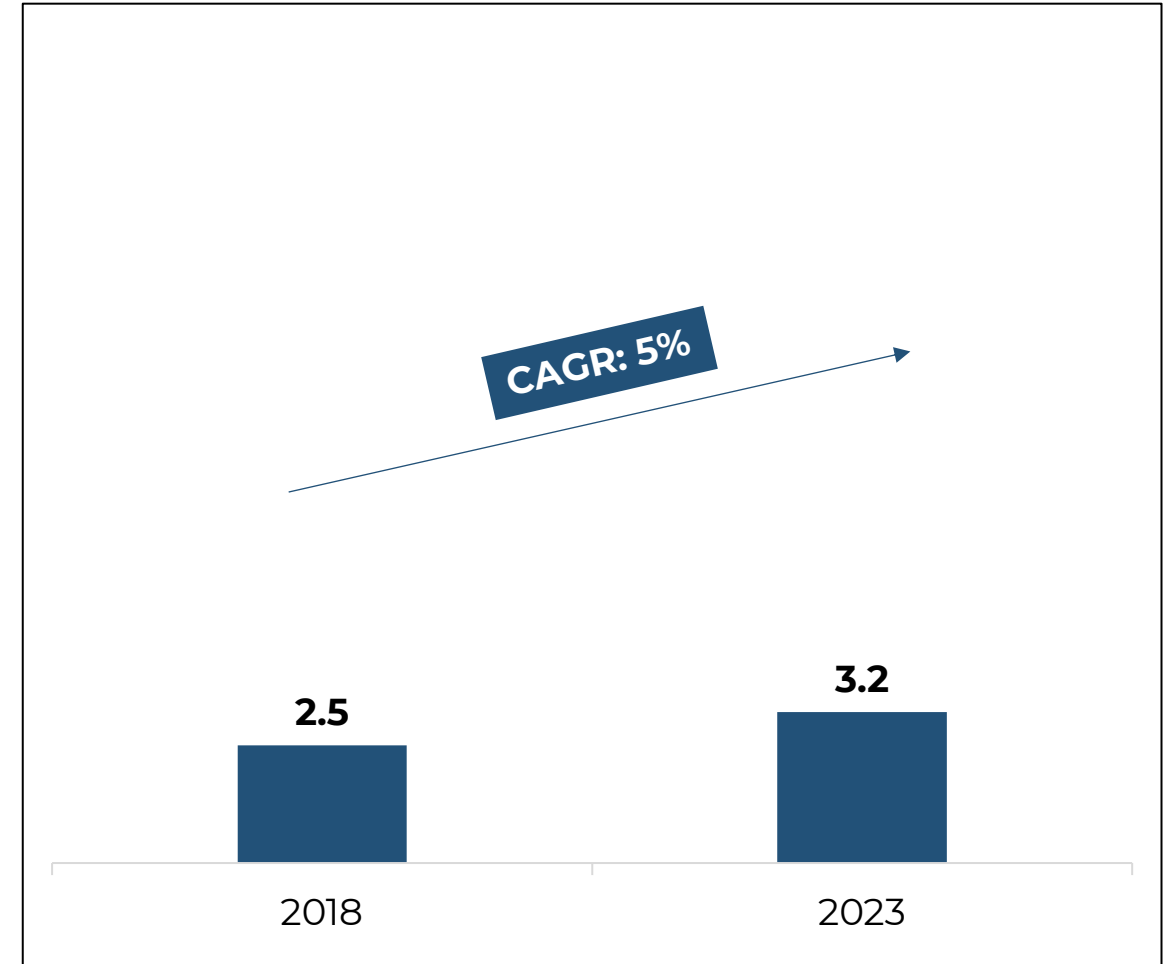
Global exports of technical textiles is US\$ 179 bn. in 2023, with Indian having a small share of ~2%

Values in US\$ Bn.

Global Exports of Technical Textiles



Indian Exports of Technical Textiles



Buildtech, Geotech, and Indutech are the largest growing categories in Indian exports of technical textiles

Values in US\$ Bn.

Category Wise Break-up (Global Exports)

Category	2023	Share	CAGR [^]
Agrotech	1	2%	1%
Buildtech	13	5%	7%
Clothtech	2	-2%	1%
Geo- & Oeko-tech	2	1%	1%
Hometech	17	3%	9%
Indutech	40	5%	22%
Meditech	41	3%	23%
Mobiltech	17	-2%	9%
Packtech	6	0%	3%
Protech	12	0%	7%
Sportech	11	5%	6%
Non-woven	17	1%	10%
Total	179		2%

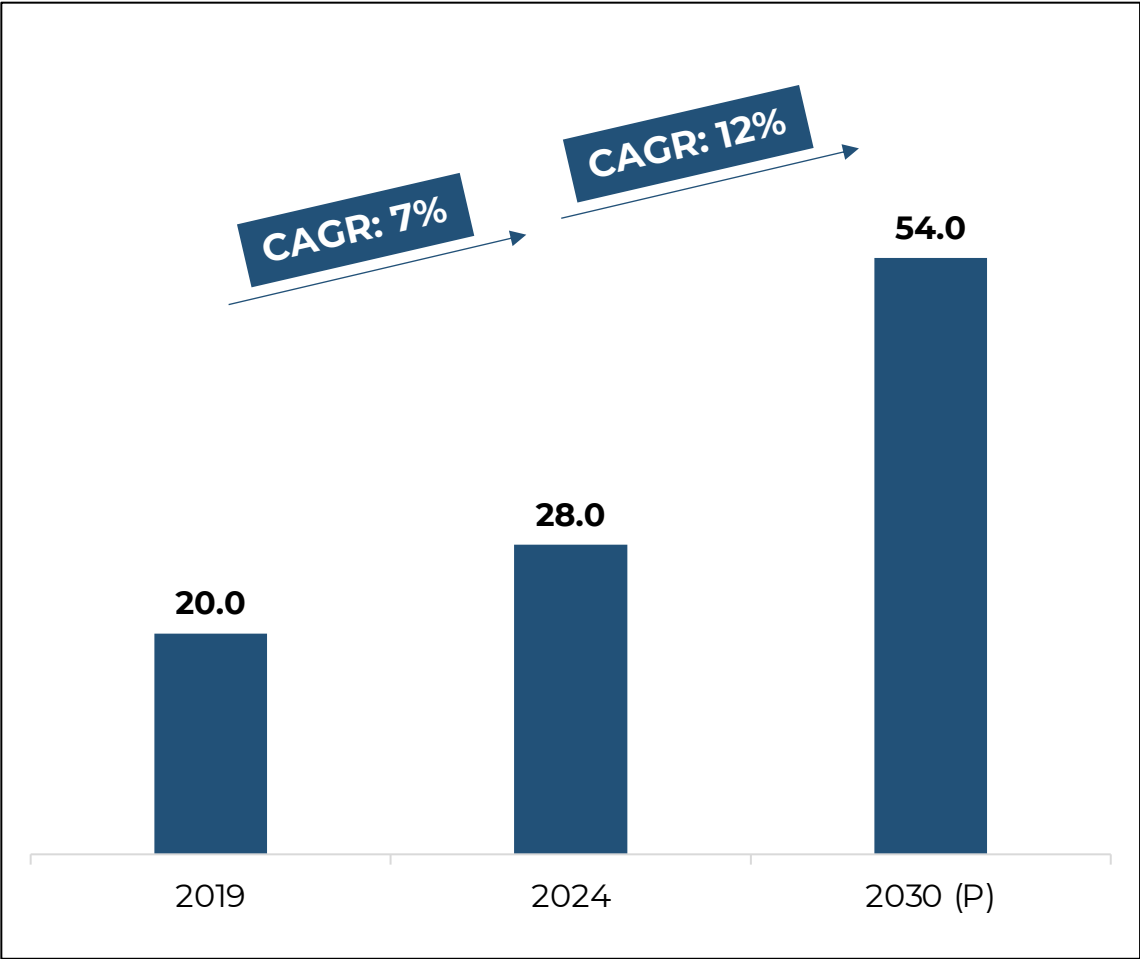
Category Wise Break-up (Indian Exports)

Category	2023	Share	CAGR [^]
Agrotech	0.03	1%	3%
Buildtech	0.11	3%	17%
Clothtech	0.02	1%	-3%
Geo- & Oeko-tech	0.08	2%	13%
Hometech	0.49	15%	1%
Indutech	0.72	22%	10%
Meditech	0.24	8%	8%
Mobiltech	0.24	7%	7%
Packtech	0.97	30%	1%
Protech	0.08	2%	6%
Sportech	0.07	2%	15%
Non-woven	0.17	5%	5%
Total	3.22		5%

Domestic market of technical textiles is projected to reach US\$ 54 Bn. by 2030

Values in US\$ Bn.

Historical Growth and Future Projections



Category Wise Break-up

Category	2024	Share	2030 (P)	CAGR^
Agrotech	0.4	1%	0.7	10%
Buildtech	1.4	5%	2.9	13%
Clothtech	1.7	6%	2.7	8%
Geo & Oekotech	0.6	2%	1.1	11%
Homotech	3.9	14%	7.7	12%
Indutech	3.3	12%	6.9	13%
Medtech	1.7	6%	3.6	13%
Mobiltech	2.1	7%	3.7	10%
Packtech	9.9	35%	18.6	11%
Protech	0.8	3%	1.6	12%
Sportech	2.3	8%	4.6	12%
Total	28		54	12%

Global Trends in Technical Textiles



High **growth in sectors such as manufacturing, construction, automotive, healthcare etc..**



Shift towards electric vehicles, light components, and safety driving the automotive sector



Rising health awareness among consumers leading to an increase in the Med-tech segment



Promotion of establishing product standards; and **increasing regulations for mandatory use** of technical textiles



Growing athleisure & activewear due to increased physical activities

Key Products to Focus in Technical Textiles

Export Markets



Coated Abrasives



Conveyor Belts



Drive belts



Medical
Disposables



Sanitary
Napkins



Diapers



Seatbelt
Webbing



Tyre cord
Fabric



Airbags

Domestic Markets



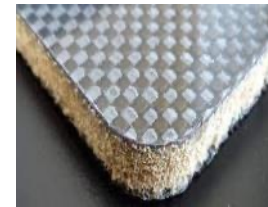
Awnings and
Canopies



Hoardings &
Signages



Architectural
Membranes



Glass Fabric



Conveyor Belts



Drive belts



Sanitary
Napkins



Diapers



Dressings



What makes companies
globally successful?



Global companies have built large scale and integrated set ups

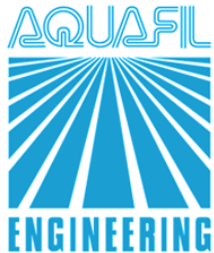
S. No.	Name	Country	Products	Buyers	Revenue (2023)	Fabric Capacity	Garment (MPPA)
1.	Jiangsu Hengli	China	Chemicals, Yarns, Fabrics	Burberry, Armani, Hugo Boss, Gucci, etc.	US\$ 4.6 bn. (Polyester)	4 billion meters per yr.	-
2.	Far Eastern	Taiwan	Yarn & Knit Fabric	Nike, Adidas, Decathlon, H&M, etc..	US\$ 4.5 bn. (Textile)	120 TPD	-
3.	Shenzhou International	China	Knit Fabric & Apparel	Nike, Uniqlo, Adidas, Puma, etc..	US\$ 3.7 bn.	~700 TPD	550
4.	Shenghong Group	China	Petrochemicals, Fibers, Yarn, Fabrics	Nike, Adidas, Decathlon, Lining etc..	US\$ 3.3 bn. (textile)	2.4 billion meters per yr.	-
5.	Ramatex	Singapore	Yarn and Knit Fabric	Nike, Uniqlo, Lululemon, etc..	US\$ 2 bn.	400 TPD	-
6.	Hansae	South Korea	Knit Fabric and Apparel	GAP, Old Navy, H&M, American Eagle, etc..	US\$ 1.2 bn.	120 TPD	~300
7.	Eclat	Taiwan	Knit Fabric and Apparel	Nike, Lululemon, Under Armour, etc..	US\$ 1.0 bn.	~70 TPD	~135

Focus on Product Development and Service Levels



SHENZHOU INTERNATIONAL GROUP
申洲國際集團

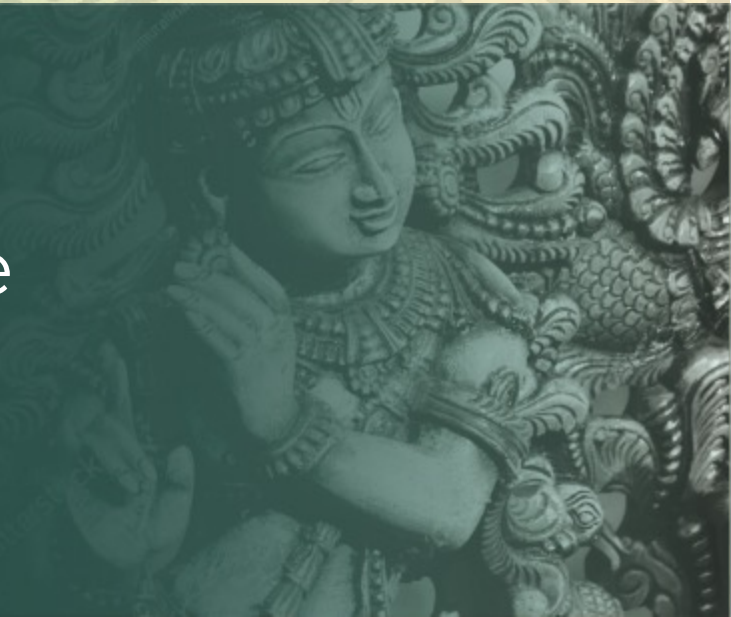
Eclat



- Top 5 buyers constitutes 80% of the Shenzhou's fabric sales showing high service quality levels by the group
- Eclat has collaborated with Industrial Technology Research Institute (ITRI) for R&D and has developed thermal insulation fabrics, waterless dyeing technique using CO2, and other innovations.
- Econyl (by Aquafil) is a regenerated nylon made from discarded fishing nets and industrial plastic waste, used by Prada, Adidas, and other major brands.



How Indian and MP Can Tap the Global Export Opportunity?



India should focus on world as a target market

Top Markets for Synthetic Apparel		Global Share	India's Share
1	European Union	36%	2.3%
2	USA	24%	2.4%
3	Japan	4%	0.3%
4	UK	6%	3.1%
5	S. Korea	3%	0.2%
Total		US\$ 228 bn.	US\$ 4.3 bn.

... which will change the outlook on scale, quality and product requirement

Product Development Mindset

Higher margins will enable and demand greater investment in differentiated product development and design capability

Improved Quality Levels

Once the export-led scale is achieved, producers will naturally align with global quality standards



Focus on Large Scale Capacities

Establishing large-scale capacities will enable more effective servicing of export buyers, reduce lead times, and better control over quality.

Import Dependency on Filament

If filament must be imported to compete globally, so be it—exports under advance authorization neutralize the cost disadvantage

India can leverage its FTAs to boost exports in synthetic apparel

Share of India in Synthetic Apparel Exports to Countries (2023) (US\$ Mn)

Suppliers \ Markets	Australia	UAE	Japan	UK	Total
World	3.47	2.30	13.93	9.30	28.99
India	0.07	0.17	0.04	0.30	0.58
% Share	2%	8%	0.3%	3%	2%
Import Duties*					
India	0%	0%	0%	0%^	
China	0%	5%	8.2%	12%	
Vietnam	0%	5%	0%	0%	

- India can further compete China in Synthetic apparel exports to its major FTA markets
- India has an existing opportunity to improve its apparel exports in Australia, UAE, Japan, and UK markets owing to zero import duties in synthetic apparel categories.

For synthetic fabrics also, huge export opportunity is present

Values in US\$ Bn. (2023)

	Synthetic Knit Fabric		
Importers	Total Imports	China's Share	India's Share
Vietnam	4.6	71%	0.3%
Cambodia	1.3	84%	0%
Bangladesh	1.3	89%	13.1%
Indonesia	0.8	59%	0%
Mexico	0.8	66%	0%
World	27.7	17.0	0.119

	Synthetic Woven Fabric		
Importers	Total Imports	China's Share	India's Share
Vietnam	4.7	68%	0.6%
Bangladesh	1.8	78%	11%
UAE	1.8	59%	13%
Indonesia	1.6	84%	2.1%
Nigeria	1.3	92%	1.4%
World	41.3	25.9	1.5

Madhya Pradesh should focus on developing ecosystem and promote investments in synthetics

Product Development Focus

Strong focus on Product development and R&D for developing new products

Fabric and Garment Focused investments

Enabling high quality raw material availability at international prices

Training Exchange Program

Facilitate and promote training exchange program from Taiwan to build required operational skill levels

Supply of Trained Workforce with Dormitory Support

Ensure a consistent supply of trained workforce along with dormitories support to improve worker retention rates

Mega and Mini-parks for Infrastructure Support

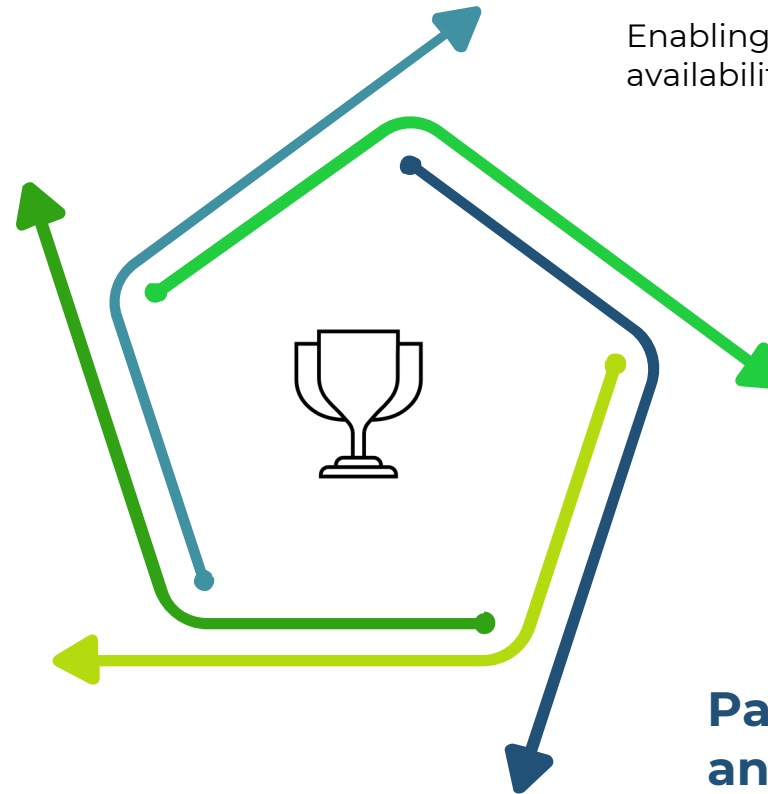
Encourage investment in vertically integrated manufacturing clusters to match global scale, reduce lead times, and enhance cost competitiveness.

FDI from Taiwan, Korea and Japan

Promote local manufacturing by facilitating Foreign Direct Investments from global companies from Taiwan, Korea, Japan

Partnerships with Global Institutes and Companies for R&D

Partnership with Korean and Taiwanese institutes and companies for product development, innovation and technical know-how transfer.



Unlocking Potential: Strategic Framework for Ethnic Wear Leadership

The Strategic Goal: Creating a Thriving Ethnic Wear Ecosystem in MP

Strengthening the Foundation

Cluster-Level Initiatives

- Skill Development & Training Programs
- Infrastructure Upgradation in Key Clusters
- Quality Control & Standardization Initiatives
- Raw Material Sourcing & Supply Chain Optimization

Amplifying Reach

Strategic Marketing & Branding

Fostering Innovation Through Designer Collaboration

- Contemporary Design Input
- Product Development Support

Expanding Market Access & Visibility

- Strategic Partnership with KVIC
- Support for Establishing Hubs for Individual Brand
- Facilitating E-commerce Integration



Thank You

