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06th October 2023 • India Habitat Centre, New Delhi

- Re-opening of PLI Scheme for inviting fresh applications for Textiles
- 43 new implementing partners empanelled under SAMARTH
- PM MITRA Park launched in Amravati
- Gujarat Govt. Signs MoU with Textile Ministry for PM MITRA Park in Navsari
- NITI Aayog examines tax hurdles in textile sector
- Startup India initiative unveiled to create a vibrant startup ecosystem in country
- Draft National Deep Tech Startup Policy (NDTSP) Released for Public Consultation
- Approval of Startup Guidelines for Technical Textiles by MoT, GoI

National Technical Textiles Mission, MOT, GOI

Presents

NATIONAL CONCLAVE ON AGROTECH - "ACCELERATING PRODUCTIVITY OF AGRICULTURE & HORTICULTURE PRODUCTS"



6th October 2023



India Habitat Centre (IHC), New Delhi

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- Climate-Smart Agrotexiles: Harnessing Textile Innovations for Sustainable and Resilient Agriculture
- Innovations in Functional Materials: Enhancing Performance and Sustainability of Agrotexiles
- Recent Advances in Agrotech Technology and Digital Transformation in Agriculture
- Indian Standards and Quality Control Order (QCO) on Agrotexiles: Framework and Roadmap for Implementation in India
- Sustainability, Circular Economy including Recycling issues and Global Benchmarks

Exhibition

Leading Agrotech product manufacturers, COEs, EPCs and Trade Associations will showcase their innovative products & services in the exhibition. Delegates will acquire knowledge on Agrotech industry and will get networking opportunity with them as well as with senior Govt. officials.

Registration:

No participation fee will be charged to attend the Conclave, but pre-registration is mandatory to attend the conference.

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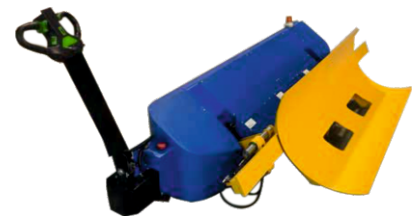
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National Conclave on Standards & Regulations for Technical Textiles held in Delhi



Ministry of Textiles (MoT), under its flagship scheme National Technical Textiles Mission (NTTM), organized the 6th National Conclave on Standards & Regulations in association with FICCI and BIS, emphasizing on importance of Standards, Quality regulations & Rationalization of HSN codes for Technical Textiles in India on 25th July 2023. The event was attended by Shri. Amit Agarwal, Chairman, ITTA and many of the ITTA members.

BIS released 4 new standards during the conclave - (i) IS 18266:2023, Textiles - Medical Respirator - Specification, (ii) IS 18309:2023 Geosynthetics - Prefabricated Vertical Drains for Quick Consolidation of Very Soft Plastic Soil - Specification, (iii) IS 18158:2023 Textile - Floor Covering - Artificial Grass Carpet made of Synthetic Yarn for Landscape - Specification and (iv) IS 18161:2023, Textiles - Light Weight Jute Sacking Bags for Packing 50 kg Mustard Seed, Niger Seed and Ragi - Specification.

Ms. Rachna Shah, Secretary, MoT, GoI, highlighted that there has been a considerable progress made on standards in Technical Textiles. Quality standards are critical for technical textile products, as these products are highly specialized and technical in nature. Continuous formulation and revision of the standards for each product category and segment significantly impacts the consumption of technical textile products in India. She opined that to amplify the production of Technical Textiles products, it is imperative to map them with the relevant HSN codes which will facilitate the streamlining of trade tracking and alignment with the HSN mapping requirements. These steps will also support effective implementation of flagship schemes of

MoT like, PM MITRA, PLI Scheme. A collaborative approach between Certification Agencies, Research Organizations, Industry, Academia and Ministry is imperative to work together in identification of gaps and meeting the standardization needs for the growth of the sector, she further added.

Shri. Rajeev Saxena, Joint Secretary, MoT, GoI, emphasized on the importance of effective implementation of QCOs and introduction of new standards for technical textiles, especially in consonance with global standards, while setting the context for the conclave. Further, 32 new technical textiles' HSN codes has been notified in April 2023, beyond the list of already notified 207 HSN Codes, he further added. He also highlighted that a Technical Committee for Rationalization of HSN Codes for Technical Textiles has already been formed.

Regarding releasing of new QCOs, he mentioned that 2 QCOs for 31 technical textile items under Geotextiles and Protective textiles were notified and will come in-effect from 7th October 2023. In addition, Ministry has also undertaken the task to notify QCOs for 56 technical textile items including 22 Agro textiles, 6 Medical textiles, among others, he further added. He opined that QCOs are vital for ensuring specified standards of quality, safety and reliability of products in technical textiles. Ministry has embarked on the journey to implement QCOs in technical textiles in a phased manner. Besides, he urged the industry to recommend for any need for new QCOs, development of new product specifications standards, rationalization of existing HSN Codes and introduction of new HSN Codes for technical textiles, among others.

Shri H J S Pasricha, Scientist- F & Deputy Director General- Certification & CSMD, BIS stated the Textiles Division of BIS has published more than 1500 standards for textiles, out of which about 600 standards are on the technical textiles and its test methods. To fast-track the process of releasing standards, BIS is maintaining the P membership on the Textiles (ISO/TC 38), Textiles machinery (ISO/TC 72), Geosynthetics (ISO/TC 221), Menstrual Products ISO/TC 338, Personal safety

(ISO/TC 94) committees and its sub committees at ISO and is taking extensive process reforms to enhance the participation of Indian experts at ISO/IEC level by taking leadership role in various ISO/IEC technical committees, subcommittees, panels and working groups.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1942548>]

Re-opening of PLI Scheme for inviting fresh applications for Textiles



In view of the requests from the Industry stakeholders', Ministry of Textiles has decided to re-open the PLI Portal till 31st August 2023 for inviting applications from interested companies under PLI scheme of Textiles for MMF Apparel, MMF Fabrics and products of Technical Textiles. All the terms and conditions notified earlier vide notifications and guidelines shall be applicable. Please visit on the PLI website for more information - <https://pli.texmin.gov.in/mainapp/Default>.

Earlier notifications are mentioned below:

- i. PLI-Textiles Scheme Gazette Notification dated September 24, 2021

- ii. Scheme Guidelines for PLI-Textiles dated December 28, 2021

- iii. Amendment Gazette Notification dated February 22, 2022

- iv. Amendment Gazette Notification dated 09.06.2023

- v. Amendment guidelines dated 09.06.2023

[Source - <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1940554>]

43 new implementing partners empanelled under SAMARTH; additional training target of 75,000 beneficiaries

In a meeting of the Empowered Committee for Scheme for Capacity Building in Textiles Sector (SAMARTH) held today, the panel of implementing partners has been broadened with empanelment of 43 new implementing partners and additional target of training around 75,000 beneficiaries has been allocated to the training partners to enable

imparting of skill to the workforce. Samarth Scheme has been extended upto March, 2024.

The Funding pattern has also been revised with an increment of 5% in cost norms, which will give much needed additional financial support to industries imparting skill under this Scheme. With this, the

Ministry of Textiles has partnered with 157 Textile Industries / Industry Associations, 16 Central / State Government Agencies and 3 Sectoral Organizations of the Ministry for undertaking training programmes under SAMARTH.

The scheme has penetrated across 28 States and 6 Union territories of the country and caters to all sections of the society including SC, ST, and other marginalized categories. Out of the skilling target of

4.72 lakh beneficiaries allocated so far, 1.88 lakh beneficiaries have been provided training. More than 85% of the beneficiaries trained so far under the scheme are women. More than 70% of the beneficiaries trained in organized sector courses have been provided placement.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1938779>]

PM MITRA Park launched in Amravati



Union Minister of Textiles, Commerce & Industry, Consumer Affairs, Food & Public Distribution, Shri. Piyush Goyal congratulated the state of Maharashtra for being awarded the prestigious Pradhan Mantri Mega Integrated Textile Region and Apparel (PM MITRA) Park in Amravati. While addressing the launch ceremony of PM MITRA Textile Park, Amravati on 16th July 2023, the Minister emphasized that the addition of PM MITRA Park would further strengthen the rapid progress of Maharashtra.

Shri Piyush Goyal said that given Maharashtra's significant contributions across the entire textile value chain, from Farm to Fiber to Factory to Fashion to Foreign, it is a natural choice for a textile park. Shri Goyal further highlighted that the well-connected infrastructure of Amravati, including its road, rail, port, and airport networks, will significantly boost the textile industry in Maharashtra.

Smt. Darshana Jardosh, acknowledging India's historical prowess as a textile hub, emphasized that the establishment of PM MITRA Parks in various states, including Amravati, Maharashtra, is a crucial

step toward making India a global textiles manufacturing hub. She added that the integrated park would attract more investment to Maharashtra, generate employment opportunities, and foster innovation, research, and training in the textiles sector.

During the event, a Memorandum of Understanding (MoU) was signed between the Maharashtra Industrial Development Corporation (MIDC), Government of Maharashtra, and the Ministry of Textiles, Government of India, for the establishment of PM MITRA Park. The PM MITRA Textile Park in Amravati is expected to attract an investment of Rs. 10,000 crore and create both direct and indirect employment for approximately 300,000 individuals.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1939988>]

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1933517>]

Textile Minister discusses roadmap to achieve the target of \$250 billion textiles production and exports of \$100 billion by 2030



Union Minister for Textiles, Consumer Affairs, Food and Public Distribution and Commerce and Industry, Shri Piyush Goyal discussed the roadmap to achieve the target of \$250 billion textiles production and \$100 billion exports by 2030.

While interacting with the officers and staff during the Chintan Shivir organized by the MoT, Shri Goyal emphasized on holistic approach towards making the Textiles sector more vibrant so as to prepare to take on global competition. He asked the officers to come up with innovative ideas and underscored the importance of streamlining the institutional structure for better service delivery.

The MoT organized Chintan Shivir on 18th July 2023 to brainstorm on various issues relating to the sector. The session was inaugurated by Union Minister of State for Textiles, Smt. Darshana Jardosh,

who highlighted the importance of the textiles sector in the economic growth of the country and the need to collectively focus on promoting growth across all segments in the value chain.

Group Brainstorming sessions were held on five themes namely - Promoting Exports; Investment-Building Size and Scale; Sustainability; Shift from Natural to Man Made Fibre and Improving Service Delivery. Detailed presentations were made by the respective groups giving specific recommendations and solutions to the problems posed. Team Building session organized by the representatives from Capacity Building Commission also provided an opportunity in enhancing communication and interaction among the participants.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1940859>]

Gujarat Govt Signs MoU with Textile Ministry for PM MITRA Park in Navsari



Gujarat's Chief Minister Shri. Bhupendra Patel signed a Memorandum of Understanding (MoU) with the Union Minister of Commerce and Industry & Textiles Shri. Piyush Goyal on 13th July 2023 in Surat to establish PM MITRA Park in Vansi village, located in the Jalalpore Taluka of Navsari District.

The Gujarat Industrial Development Corporation (GIDC) will develop the PM MITRA Park in Navsari. The land for the same, spanning an area of 462 hectares, has been allocated to the GIDC by the state govt., in accordance with the guidelines of the central govt. The Govt. of India will provide an

assistance of 30%, i.e., up to ₹500 crore from the total outlay of ₹1,500 crore for infrastructure development.

The Gujarat Govt., under the leadership of state chief minister Patel, is in the process of creating a Special Purpose Vehicle (SPV) for the construction of this park. The state govt. will have 51% equity and the central govt. will have 49% equity. This park will also see the development of common facility centres such as material handling facilities, training and skill development centres, and testing centres which will increase the productivity of all segments in the

sector. In addition, an integrated textile value chain such as spinning, weaving, processing, dyeing, printing, and garment manufacturing at one location will reduce the logistics cost of the industry.

PM MITRA Park is projected to create employment opportunities for over 300,000 people, which will have a direct and positive impact on the entire state

of Gujarat. The park expects an investment of approximately Rs 10,00,00 crore from prominent textiles and garment groups across India.

[Source - <https://www.news18.com/india/gujarat-govt-signs-mou-with-textile-ministry-for-pm-mitra-park-8331361.html>]

NITI Aayog examines tax hurdles in textile sector

Government's think-tank NITI Aayog is looking into tax anomalies in the textile sector. NITI Aayog had convened a meeting recently with industry organisations to discuss tax anomalies throughout the entire textile value chain. A senior government source stated that "NITI Aayog has sought views from the textile industry on tax related matters that are impeding the growth of the sector," adding that the Aayog will solidify its opinion and make appropriate suggestions to the finance ministry for consideration.



The import duty on cotton and textile machinery, the inverted duty structure in the textile value chain for man-made fibres, and other issues were some of those brought up by the industry at the recently held stakeholder consultation.

[Source - <https://economictimes.indiatimes.com/industry/cons-products/garments-/textiles/niti-aayog-examines-tax-hurdles-in-textile-sector/articleshow/102273575.cms>]

Startup India initiative unveiled to create a vibrant startup ecosystem in the country

In order to build a strong ecosystem for nurturing innovation, startups and encouraging private investments in the startup ecosystem of the country, the Government launched the Startup India initiative on 16th January 2016. As per eligibility conditions prescribed under G.S.R. notification 127 (E) dated 19th February 2019, entities are recognized as 'startups' under Startup India initiative by the Department for Promotion of Industry and Internal Trade (DPIIT). Since the launch of the Startup India initiative, DPIIT has



recognised 98,119 entities as startups as on 30th April 2023.

Under the Startup India initiative, the Govt. constantly undertakes various efforts for the development and growth of startup ecosystem in the country. In order to meet the objectives of the initiative, the Govt. unveiled an Action Plan for Startups comprising of schemes and incentives envisaged to create a vibrant startup ecosystem in the country. The Action Plan comprises of 19 action items spanning across areas such as "Simplification

and handholding”, “Funding support and incentives” and “Industry-academia partnership and incubation”.

The flagship Schemes namely, Fund of Funds for Startups (FFS), Startup India Seed Fund Scheme (SISFS) and Credit Guarantee Scheme for Startups (CGSS) support startups at various stages of their business cycle to enable startups to graduate to a level where they are able to raise investments from angel investors or venture capitalists or seek loans from commercial banks or financial institutions. The Govt. also implements annual exercises and

programs including States' Startup Ranking, National Startup Awards and Innovation Week which play an important role in holistic development of the startup ecosystem. The Govt. also facilitates participation and engagement of Indian startups on international platforms. The Scheme has been recently operationalized on 1st April, 2023. For more details visit - <https://www.startupindia.gov.in/>.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1945152>]

Draft National Deep Tech Startup Policy (NDTSP) Released for Public Consultation



National Deep Tech Startup Policy (NDTSP) Consortium issued a Draft National Deep Tech Startup Policy to address the challenges faced by startups as well as for policy interventions to enhance the ecosystem; seeking public feedback till September 15th, 2023. The document can be accessed here: www.psa.gov.in/deep-tech-policy.

The policy released by a consortium chaired by principal scientific adviser to the government Shri. Ajay Kumar Sood, has outlined four key pillars: securing India's economic future, progressing towards a knowledge-driven economy, bolstering national capability and sovereignty through the Atmanirbhar Bharat imperative, and encouraging ethical innovation. The policy has defined deep tech startups with regard to different parameters based on various attributes such as maturity levels, applicability to different sectors, time frames and

geographical boundaries, and contextual relevance

According to Startup India's database, there are 10,298 DPIIT-recognized startups classified across various sub-sectors within the larger deep tech space as of May 2023. The key priorities for the government through this policy are nurturing research, development, and innovation, strengthening intellectual property regime, facilitating access to funding, infrastructure access and resource sharing, standards and certifications, among other things. Further, the policy also proposes an organisation – The Centre for Deep Tech Translation to assess Indian research (publications, patents, etc.) for potential commercialisation.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1944369>]

Technology Development Fund Scheme

The Technology Development Fund (TDF) Scheme has adopted a flexible funding approach for applicants to encourage participation. Hence, two types of funding mechanisms available under the scheme are given below:

- Reimbursement: The DRDO share of project cost is paid in a maximum of five (05) instalments in the form of reimbursement upon successful achievement of milestones.

- Advance: A staggered approach towards project funding in this scheme is in the form of advance funding subject to a maximum of five (05) "Milestones" of the project. Development Agency (DA) may avail an advance upon producing a Bank Guarantee of the same amount as collateral.

The government has allocated a total of Rs 260 crore under the TDF Scheme, since its inception from 2016 and Rs 64.35 crore has been disbursed as a grant-in-aid to industries for development of defence technologies. The Government provides support to the private industries especially MSMEs and start-ups through TDF Scheme. The details of the scheme are as follows:

- TDF Scheme: Technology Development Fund Scheme is a program of Ministry of Defence (MoD) executed by DRDO under "Make-in-India" initiative. The Government has approved TDF

Scheme to encourage participation of public/private industries especially MSMEs and start-ups to design and develop various defence technologies indigenously.

A Standard Operating Procedure (SOP) of TDF scheme has been formulated and approved by Competent Authority in 2016. The SOP describes about the evaluation and assessment criteria. A total of 41 MSMEs and 20 start-ups have been supported under the TDF Scheme. None of these belongs to Rajasthan. However, a large industry of Rajasthan has been supported under the scheme. This information was given by Raksha Rajya Mantri Shri. Ajay Bhatt in a written reply to Shri. PP Chaudhary and Shri. Anurag Sharma in Lok Sabha on 11th Aug 2023.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1947699>]

Centre approves Startup Guidelines dedicated to Technical Textiles



The Ministry of Textiles (MoT) has approved the Startup Guidelines for Technical Textiles - Grant for Research and Entrepreneurship across Aspiring Innovators in Technical Textiles (GREAT) providing grant-in-aid upto INR 50 Lakhs for upto a period of 18 months, informed Shri. Rajeev Saxena, Joint Secretary Textiles during a press conference held on 29th August 2023 on the important developments in the National Technical Textiles Mission (NTTM).

With a strong emphasis on developing the Startup Ecosystem in Technical Textiles, the guidelines focus on supporting individuals and companies to translate prototype to technologies & products including commercialization. The GREAT Guidelines provides thrust in 'Technical Textiles' application areas including Agro-textiles, Building-textiles, Geo-textiles, Home-textiles, Medical-textiles, Mobile-textiles, Packaging- textiles, Protective-textiles, Sports-textiles; Development of High-performance fibres and composites; Sustainable and Recyclable Textile materials; Smart Textiles using Artificial Intelligence, Internet of

Things, 3D/4D Printing, and Rapid Prototyping; and Development of indigenous Machinery/Equipment/Instruments, among others.

To incentivize the incubators, Ministry to additionally provide 10% of total grant-in-aid to incubators. To strengthen authenticity and commitment towards the project, a minimum investment of 10% of the funding from the incubatee in two equal installments is mandated. The Startup Guidelines (GREAT) to provide much needed impetus for the development of technical textiles startup ecosystem in India, especially in niche sub-segments such as Bio-degradable and Sustainable textiles, High-performance & Specialty fibres, Smart textiles, among others.

Ministry also gave the nod to 26 institutes for upgrading their laboratory infrastructure and training of trainers in the application areas of technical textiles. Ministry has approved the applications of 26 institutions for development and

introduction of technical textile courses/ papers in the key departments/ specializations as well as introducing new degree programme in technical textiles. Total value of INR 151.02 Crores was approved wherein 15 applications valuing INR 105.55 Crores are from Public Institutes and 11 applications valuing INR 45.47 Crores are from Private Institutes. Some of the premier institutes to be funded under the scheme include IIT Delhi, NIT Jalandhar, NIT Durgapur, NIT Karnataka, NIFT Mumbai, ICT Mumbai, Anna University, PSG College of Technology, Amity University, among others.

Notably, majority of the funding to be provided for upgradation of existing courses including Departments related to Textile Technology & Fibre Sciences to upgrade courses in all application areas of technical textiles including specialty fibres; Departments related to Design/ Civil Engineering to upgrade courses in Geotextiles & Building textiles; Departments related to Fashion Technology/Design to upgrade courses in Smart Textiles, Protective Textiles, Sports Textiles, Home Textiles, Cloth Textiles; Department of Mechanical Engineering to upgrade courses in Mobile Textile, Industrial Textiles; and a New Degree Programme in Technical Textiles with predominant emphasis on all application areas of Technical Textiles.

In addition, Ministry to re-open the Guidelines for

Enabling of Academic Institutes in Technical Textiles' Education in India (Round II) under NTTM with relatively eased parameters and wider coverage including NBA score of 750 and above, NAAC rating of A+/3.26 or above or top 200 NIRF ranked institutes as eligible private institutes under the Education Guidelines 2.0. The guidelines have been in-principally approved and target the inclusion of new courses/papers in the curriculum of academic year 2025-26.

On the quality and regulation aspect of technical textiles, Ministry already notified 02 QCOs for 31 Technical Textiles products including 19 Geotextiles and 12 Protective Textiles, which will come in-effect from 7 October 2023 onwards. Besides, QCOs for 28 products including 22 Agrotextiles and 06 Medical Textiles are also in the final stages of issuance and likely to be issued in September 2023.

Furthermore, additional 28 items are also considered for QCOs including Building textiles, Industrial textiles, Ropes & Cordages, among other. To cover the comprehensive impact of the QCOs on the economy, industry and society at large, Ministry is proactively conducting multiple stakeholder consultations with Industries.

[Source - <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1953180>]

NEW MEMBERS



LAXMI SHUTTLELESS LOOMS PVT. LTD., GUJARAT

Laxmi Shuttleless Looms Pvt. Ltd. is one of the group company of "LAXMI" Group, specially incorporated in the year 2002 for manufacturing of Shuttleless & Automatic Shuttle Weaving Machines. Their production capacity is 370 nos. per year (FY 2021-22).

EXPORT-IMPORT PERFORMANCE OF TECHNICAL TEXTILE PRODUCTS OF JUNE 2023

(ITTA Analysis on Ministry of Commerce and Industry Data)

The data on export and import of 247* technical textile products/items is published as an indicator of foreign trade performance of technical textile industry in India.

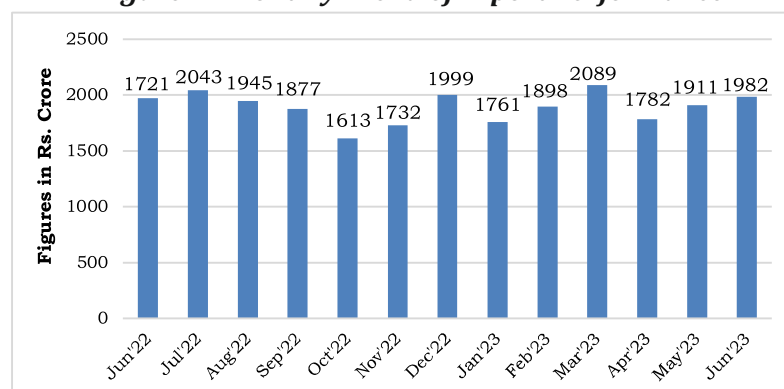
A. EXPORT PERFORMANCE

(Value in INR Cr.)

Sr. No	Segments	Jun 2022	Jun 2023	% Growth	Apr'22-Jun'22	Apr'23-Jun'23	% Growth
1	Agrotech	67	66	-2%	205	229	11%
2	Buildtech	88	113	28%	252	296	17%
3	Clothtech	23	16	-30%	81	69	-15%
4	Geotech	97	179	85%	400	478	19%
5	Homotech	19	9	-54%	54	49	-11%
6	Indutech	210	234	11%	633	724	14%
7	Meditech	242	229	-6%	698	708	1%
8	Mobiltech	234	277	18%	605	732	21%
9	Packtech	686	524	-24%	2093	1615	-23%
10	Protech	54	58	9%	152	232	52%
11	Sportech	97	104	7%	275	291	6%
12	Nonwovens	113	101	-11%	323	288	-11%
13	Speciality Fibres	31	50	64%	91	173	91%
14	Composites	16	22	37%	46	62	34%
	GRAND TOTAL	1977	1982	0%	5908	5946	1%

Data Source: ITTA Analysis on Ministry of Commerce and Industry (at 8 digit level of HSN Codes)

Figure 1 - Monthly Trend of Export Performance



There was a dip in the above export figures from April 2023 to May 2023, then the export had shown a slight increase in June 2023.

Top Ten Exported Products in Month of Jun'23 -

SR. NO.	HSN CODES	PRODUCT NAMES	VALUES (IN CR.)
1	63053200	Flexible Intermediate Bulk Containers (FIBC)	481
2	59039090	Other fabric plated, laminated, coated, impregnated with other plastics	122
3	84212300	Oil or petrol-filters for internal combustion engines	99
4	56074900	Other cordage of Polyethylene/ Polypropylene	76
5	87089500	Safety airbags with inflater system	75
6	61152990	Panty Hose and Tights of other fibres	64
7	59031090	Other Fabrics impregnated, laminated, plated, and coated with PVC	56
8	40093100	Tubes, Pipes and Hoses of Vulcanised Rubber Reinforced/ Otherwise combined only with Textile Materials without fittings	51
9	56031200	Nonwovens of MMF: Weighing > 25 gsm but not > 70 gsm	49
10	95069990	Other Articles & equipment for general physical exercise, gymnastics or athletics	43

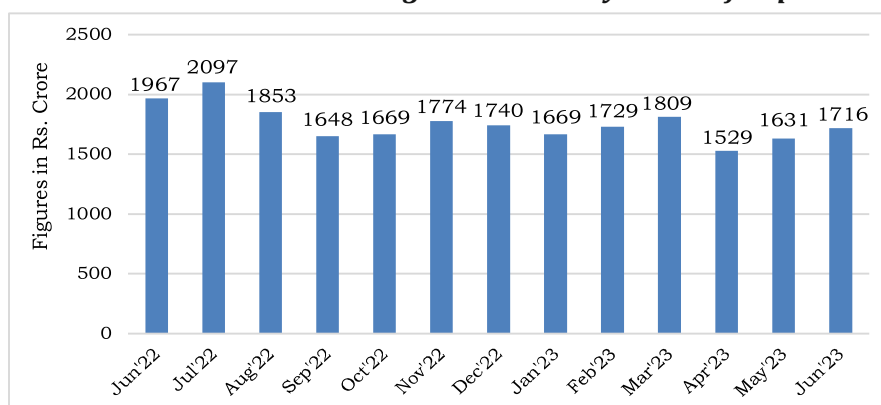
B. IMPORT PERFORMANCE

(Value in INR Cr.)

Sr. No	Segments	Jun 2022	Jun 2023	% Growth	Apr'22-Jun'22	Apr'23-Jun'23	% Growth
1	Agrotech	33	34	3%	102	159	57%
2	Buildtech	207	176	-15%	582	561	-4%
3	Clothtech	31	21	-33%	87	57	-35%
4	Geotech	120	102	-15%	323	378	17%
5	Homotech	41	27	-34%	108	82	-24%
6	Indutech	330	261	-21%	916	804	-12%
7	Meditech	97	93	-5%	355	296	-17%
8	Mobiltech	582	468	-20%	1568	1571	0%
9	Packtech	45	79	76%	136	205	51%
10	Protech	58	42	-27%	140	136	-3%
11	Sportech	57	51	-11%	163	163	0%
12	Nonwovens	129	109	-16%	353	350	-1%
13	Speciality Fibres	209	234	12%	554	544	-2%
14	Composites	15	19	23%	43	79	83%
	GRAND TOTAL	1954	1716	-12%	5430	5385	-1%

Data Source: ITTA Analysis on Ministry of Commerce and Industry (at 8 digit level of HSN Codes)

Figure 2 - Monthly Trend of Import Performance



India's import of TT products has registered a decrease in month of April 2023, then the import had shown a marginally increase from May to June 2023.

Top Ten Imported Products in Month of Jun'23 -

SR. NO.	HSN CODES	PRODUCT NAMES	VALUES (IN CR.)
1	87089500	Safety airbags with inflater system	133
2	54022090	Other high tenacity yarn of Nylon or other Polyester (Textured Yarns)	122
3	59039090	Other fabric plated, laminated, coated & impregnated with other Plastics	77
4	84212300	Oil or petrol-filters for internal combustion engines	72
5	59032090	Other fabrics impregnated, laminated, plated, and coated with Polyurethane	72
6	59031090	Other Fabrics impregnated, laminated, plated, and coated with PVC	69
7	59021090	Other Tyre cord fabric of nylon or other polyamides	63
8	54021990	Other high tenacity yarn of Nylon or other Polyester (Less than 840 Denier)	63
9	58063200	Narrow woven fabrics of man-made fibres	55
10	53101012	Jute Sacking fabrics	52

*NOTE -

1. DGFT Notified 207 HSN Codes as Technical Textiles on 15th January 2019; wherein 12 HSN Codes out of 207 have been discontinued from the Tariff Nomenclature and removed from the CUSTOMS TARIFF OF INDIA-2022 effective from 01.05.2022.

Agricultural textiles market expected to be worth US \$ 20.2 billion by 2028

The report "Agricultural Textiles Market by Fiber Material (Nylon, Polyester, PE, PP, Natural Fiber), Fabric Formation Technology (Woven, Knitted, Nonwoven), Product type (Shade Nets, Mulch Mats), Application and Region - Global Forecast to 2028", is projected to grow from USD 15.9 billion in 2023 to USD 20.2 billion in 2028, at a CAGR of 4.8% between 2023 and 2028.

The key factor driving the growth of the market is increase in the area for greenhouse-protected cultivation. Outdoor agriculture application segment is estimated to be the largest segment of the Agricultural Textiles market. The key textile companies in this segment are Beaulieu Technical Textiles (Belgium), Belton industries (US), Hy-Tex (UK) Limited, Diatex SAS (France), and Garware Technical Fibres Limited (India).

Textiles used for outdoor purposes need high resistance to abrasion and resistance to weather conditions. The use of agrotexile has been increasing and governments have been promoting the use by launching schemes. Fishing nets application segment is forecasted to be the fastest-growing of the agricultural textiles market. Fishing nets have been used for a long time and are easily available in markets. However, they pose a great threat to the marine ecosystem and are responsible for most water pollution. With advanced technology,

biodegradable fishing nets are being developed to solve this problem. Fishing nets have become a staple and cannot be replaced without an effective alternative.

Asia Pacific is the forecasted to be the fastest-growing Agricultural Textiles market during the forecast period. Asia Pacific is the largest agricultural textiles market globally. This is due to the increased demand for agricultural products, which is caused by shifting consumer tastes and an aging population. China is the dominant region in the agriculture textile market. There is a significant increase in the demand for agricultural textiles in other Asian economies, including India and South Korea. The demand for agricultural textiles is expected to increase in Indonesia, Malaysia, Singapore, and Australia & New Zealand due to the significant production and utilization of agricultural textiles expected in these countries between 2023 and 2028.

[For More Details visit - <https://apparelresources.com/business-news/trade/agricultural-textiles-market-expected-worth-us-20-2-billion-2028/>

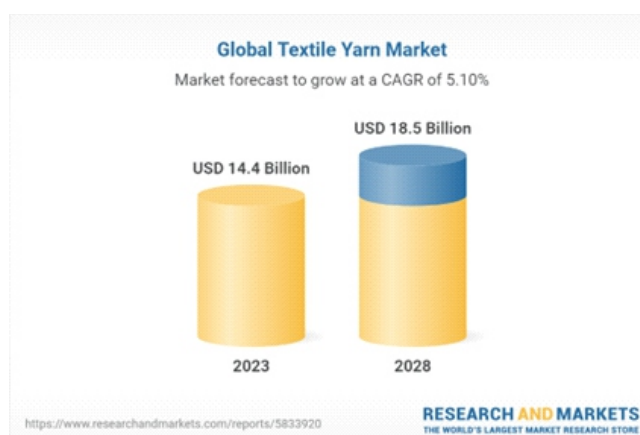
OR

<https://www.marketsandmarkets.com/PressReleases/agricultural-textiles.asp>

Global textile yarn market expected to reach US \$ 18.5 billion by 2028

The overall global textile yarn market is projected to grow from USD 14.4 Billion in 2023 to USD 18.5 Billion by 2028, at a CAGR of 5.1% during the forecast period. The increasing global population, coupled with urbanization trends, has a direct impact on the textile yarn market. As more people move to urban areas, the demand for textiles and textile products rises, creating a higher demand for textile yarns.

Turkey and India are anticipated to register the highest compound annual growth rates (CAGRs)



during the forecast period. Asia-Pacific is set to dominate the textile yarn market, while the artificial segment is expected to account for the largest market size.

Based on plant sources, the cotton segment is projected to lead the textile yarn market during the forecast period. Cotton yarn is particularly dominant in the clothing industry due to its favorable properties for making comfortable and breathable garments.

Based on the application segment, the home textile segment is projected to grow during the forecast period. Home textiles encompass a wide range of textile products used in residential settings, including bedding, curtains, upholstery fabrics, towels, rugs, and more. Textile yarns are essential components in the production of home textile products, as they form the foundation for weaving or knitting fabrics used in these applications.

China possesses a significant manufacturing capacity for textile yarn production. The country has a well-established and extensive textile industry, with numerous spinning mills and yarn manufacturers. China is expected to account for the largest market share in Asia-Pacific in 2023.

[For More Details visit -

https://www.researchandmarkets.com/reports/5833920/global-textile-yarn-market-source-chemical?utm_source=CI&utm_medium=PressRelease&utm_code=r5xwr9&utm_campaign=1864053+-

[+Global+Textile+Yarn+Industry+Research+Report+2023%3a+An+%2418.5+Billion+Market+by+2028+-](#)

[+Opportunities+in+the+Development+of+New+Yarn+Varieties+and+Blends&utm_exec=chdo54prd\]](#)

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Bank Details -

A/C. Name - INDIAN TECHNICAL TEXTILE ASSOCIATION
Bank Name - Bank of Baroda,
Chakala Branch, Mumbai - 400093.
Current Account No - 04220200000491
IFSC Code - BARB0CHAKAL

1. ENGAGEMENTS WITH CENTRAL & STATE GOVERNMENTS

1.1. Meeting of TAMC under ATUFS

The 35th TAMC meeting under ATUFS was held through audio-video conferencing on 10.07.2023 under the Chairpersonship of Ms. Roop Rashi, Textile Commissioner. Dr. Anup Rakshit, ED, ITTA attended the meeting. MOM was circulated to all ITTA members.

Major Decisions Taken in TAMC --

- a) The unit who had been registered under technical textiles for availing benefits under TUFS and at present manufacturing technical textiles products may be allowed for capital subsidy of 10% under any

version of TUFS subject to condition that JIT confirms that machines installed are from technical textile segment and unit is manufacturing technical textiles and hence relaxation may be considered by MoT/IMSC since it is more of a procedural requirement.

- b) It was considered for release of subsidy of the following companies - M/s. Bonas Textile Machinery NV, Belgium and M/s. Changzhou Wisdom & Valley Electrical Technology Co. Ltd., China.

1.2. Draft QCOs on Geotech, Meditech, Buildtech, Indutech, Ropes and Cordages & Floor Coverings Products

Ministry of Textiles (MOT) had circulated the Draft Quality Control Orders on Geotextiles (Geotech), Medical Textiles (Meditech), Building Textiles (Buildtech), Industrial Textiles (Indutech), Ropes & Cordage and Floor Coverings. MoT had requested ITTA

to share the feedback/inputs from our industry on the above QCOs. In this regard, ITTA collected the Feedback/Inputs from ITTA members and submitted to MoT for considering in the Draft QCOs.

1.3. Meeting on creating mini mission under NTTM for development of High-performance and Specialty Fibres

The meeting for deliberation on creating mini mission under the National Technical Textiles Mission (NTTM) for development of High-performance and Specialty fibres was held on 07.08.2023 under the chairmanship of Shri. Rajeev Saxena, Joint Secretary, Ministry of Textiles through online mode. As the member of committee, Dr. Anup Rakshit, ED, ITTA attended the meeting.

Key discussion points are given below --

1. There were presentations from various Govt Research Institutions focusing on Glass & Carbon Fibre development:

- i. CSIR-CGCRI presented an overview on the development of high-end Fiber glass for textile Application.

- ii. A concept paper on development of Carbon Fiber was presented by CSIR Laboratories - Area-1: Polyacrylonitrile (PAN)/ Rayan based carbon fibers and Fire-retardant fibers (Proposed by CCFP NAL-CSIR), Area-2: Establishing a detailed structure-property relationship for high performance carbon fibers (Proposed by NCL-CSIR) & Area-3: Development of conical preforms for fighter aircraft radomes (Proposed by ACD NAL-CSIR). These CSIR labs will be submitting the project proposal on the above areas. Also, to identify the industry partners.

2. There was discussion on the R&D funding already given by NTTM to a few institutions on the development of Glass & carbon fibres. The approach from NTTM would be to evaluate new proposals to avoid duplication of the work on the basis of the raw material & process used and the techno-commercial feasibility data for commercialisation.

1. BIS SECTIONAL COMMITTEE MEETINGS -

1.1. High Performance Fibres, Fibrous Structure and Textile Components of Composites Sectional Committee, TXD 40

The 06th Meeting of High Performance Fibres, Fibrous Structure and Textile Components of Composites Sectional Committee, TXD 40 was held through VC on 27.06.2023. The meeting was attended by Dr. Anup Rakshit, ED from ITTA Secretariat and ITTA Members from Arvind Ltd., Bhore Chemicals and Plastics Pvt. Ltd., DuPont India, Kusumgar Corporates Pvt. Ltd., Nikol Advance Materials Pvt. Ltd. and Reliance Industries Ltd.

Highlights of the key points discussed & decided in the meeting -

1. IS Standards for Publication - Revised Drafts of Following Indian Standards were finalized for publication- i) ISO 2558:2010 [Doc No. TXD 40 (20310)] Textile Glass Chopped-Strand Mats for Reinforcement of Plastics-Determination of Time of Dissolution of the Binder in Styrene, ii) ISO 2559:2011 [Doc No. TXD 40 (20311)] Textile Glass-Mats (Made from Chopped or Continuous Strands), iii) ISO 10618:2004 [Doc No. TXD 40 (20314)] Carbon Fibre-Determination of Tensile Properties of Resin-Impregnated Yarn, iv) ISO 15100: 2000 [Doc No. TXD 40 (20315)] Plastics-Reinforcement Fibres-Chopped Strands-Determination of Bulk Density, v)

ISO 22314:2006 [Doc No. TXD 40 (20316)] Plastics-Glass-Fibre-Reinforced Products-Determination of Fibre Length, vi) IS 11273:1992 Woven roving fabrics of E glass fibre & vii) IS 11320:1997 - Glass fibre rovings for the reinforcement of polyester and of epoxide resin systems & viii) IS 11551:1996 - Glass fibre chopped strand mat for the reinforcement of epoxy phenolic and polyester resin systems.

2. IS Standards at Draft Preparation Stage -

Preliminary draft to be prepared- i) On Carbon Fibres by expert panel formed by committee and ii) On HT & SHT Nylon filament by SRF Ltd. & Century Enka, HT/SHT Polyester by Reliance, Polyester Division and SRF Ltd. and HT/SHT Polypropylene by Reliance, PP Division.

3. Working drafts to be prepared on the new subjects/products like i) UHMWPE Fibre & filament Yarn (taking inputs from Garware Technical Fibres Ltd.), ii) Glass Fibres - E, ECR and R Glass (taking inputs from Goa Glass Fibre Ltd.) iii) Aramid fibre & filament (taking inputs from DuPont India, Teijin India Pvt Ltd. and Arvind Ltd.) & iv) Pre-Oxidised fibre (taking inputs from BTRA).

1.2. Industrial Fabrics Sectional Committee (TXD 33)

The 18th Meeting of Industrial Fabrics Sectional Committee, TXD 33 was held through video conferencing on 18.07.2023. The meeting was attended by Dr. Anup Rakshit, ED, from ITTA Secretariat and ITTA Members from Archroma India Pvt. Ltd., Arvind Advance Material Ltd., Entremont Polycoaters Ltd., Garware Technical Fibres Ltd., Jeevan Ecotex Private Ltd., Khosla Profil Pvt. Ltd., Kirti Filtration and Automation Pvt. Ltd., Kusumgar Corporates Pvt. Ltd., Masturlal Pvt. Ltd., Pacific Harish Industries Ltd., Shiva Texyarn Ltd., SRF Ltd., & Welspun Pvt. Ltd.

Following points were discussed & decided in the meeting --

1. IS Standards for Publication - Revised Drafts of Following Indian Standards were finalized for publication- i) PCD 29 (21078) Methods of Test for Rubber or Plastics Coated Fabrics Part 16 Determination of Abrasion Resistance Using Martindale Abrader, ii)

PCD 29 (21152) Methods of Test for Rubber or Plastics Coated Fabrics Part 17 Determination of Resistance to Ozone Cracking Under Static Conditions, iii) PCD 29 (21153) Methods of Test for Rubber or Plastics Coated Fabrics Part 18 Determination of Resistance to Combined Shear Flexing and Rubbing, iv) PCD 29 (21182) Methods of Test for Rubber or Plastics Coated Fabrics Part 19 Determination of Resistance to Liquids, v) PCD 29 (21183) Methods of Test for Rubber or Plastics Coated Fabrics Part 20 Determination of Fogging Characteristics of Trim Materials in The Interior of Automobiles, vi) PCD 29 (21185) Methods of Test for Rubber or Plastics Coated Fabrics Part 21 Measurement of Gas Permeability, vii) PCD 29 (21186) Methods of Test for Rubber or Plastics Coated Fabrics Part 22 Physical and Mechanical Test Determination of Bending Force and viii) PCD 29 (21187) Methods of Test for Rubber or Plastics Coated Fabrics Part 23 Determination of Flex Resistance by The Flexometer Method.

2. Wide Circulation - Following Draft standards will be issued under wide circulation-

IS 6803:1972, Specification for special proofed canvas and duck and IS 13510:2000, Textiles - Duck, polyester cotton blended, rip-stop - Specification (first revision).

3. Draft Preparation Stage - Preliminary draft on 'Nonwoven Industrial Filter Fabric' and 'Industrial Nonwoven Wipes' will be prepared by expert panel formed by committee.

1.3. Geosynthetics Sectional Committee (TXD 30)

The 29th Meeting of Geosynthetics Sectional Committee, TXD 30 was held through video conferencing on 20.07.2023. The meeting was attended by Ms. Ruchita Gupta, Asst. Manager (Technical) from ITTA Secretariat and ITTA Members from Archoma India Pvt. Ltd., Charankattu Coir Mfg. Co. (P) Ltd., Garware Technical Fibres Ltd., Geosynthetics Testing Services Pvt. Ltd., Kusumgar Corporates, Maccaferri Environmental Solutions Pvt. Ltd., Reliance Industries Ltd., Strata Geosystems (India) Pvt. Ltd. and Techfab (India) Industries Ltd.

Highlights of the key points discussed & decided in the meeting-

1. IS Standards for Publication - Revised Drafts of Following Indian Standards were finalized for publication- i) Amendment No. 1 to IS 16362: 2020 Geosynthetics - Geotextiles used in subgrade

4. BIS will approach the stakeholders for their technical inputs/working draft on the following products are Synthetic hoses & pipes, Synthetic Conveyor & drive belts, AGM Separators for VRLA Batteries, Industrial webbing and slings, Composite Micro Glass fibre and Speciality fiber-based Battery Separators for Lead acid Batteries and Abrasive cloth.

5. Transfer of Indian Standards on Coated fabric from PCD 13/PCD 29 to TXD 33.

stabilization in pavement structures - Specification (first revision) [Doc TXD 30 (21617)] and ii) IS 17373:2020 Geosynthetics - Geogrids used in reinforced soil retaining structures - Specification.

2. Wide Circulation - Following Draft standards will be issued under wide circulation- i) IS 16391:2015 - Geotextiles used in sub-grade separation in pavement structures - Specification, ii) IS 16392:2015 - Geotextiles for permanent erosion control in hard armor systems - Specification, iii) IS 16393:2015 - Geotextiles used in subsurface drainage application - Specification, iv) IS 16090:2013 - Geo-textiles used as protection (or cushioning) materials - Specification, v) IS 16362:2020 - Geotextiles used in subgrade stabilization in pavement structures - Specification (first revision) and vi) IS 17371:2020 - Geogrids for flexible pavements - Specification.



ITTA SUPPORTS THE INTERNATIONAL COMPOSITES SUMMIT (ICS), UK

ICS is the UK's only exhibition focused solely on the global composites market. This two-day event, organised by Composites UK Trade Association and The Fluency Business Group, will be at the Marshall Arena, Milton Keynes, 6th - 7th September 2023.

ICS brings together leading industry professionals to address the worldwide opportunities for sales and growth within the composites sector, needed to help deliver the climate change targets set out in each nation's green agenda. It will give opportunity to learn the latest innovations from global market leaders and start-ups, discuss research and development opportunities with academics and scientists who specialise in composites and advanced materials, and network with industry peers.

India is an emerging market of composites and it is growing very fast. Many ITTA members are in the business of manufacturing & servicing the composites industry. ITTA members can take advantage of participating & visiting the Exhibition & explore business opportunity on composites.

Website: www.internationalcompositessummit.com

MOBILTECH - Automotive Trim Component

Better Acoustic Comfort with Zeta-Light



With Zeta-Light, Autoneum based in Switzerland adds an integrated damping function to fiber-based trim components such as carpets or inner dashes, significantly improving their acoustic performance. The use of particle dampers, Zeta-Light not only insulates & absorbs airborne noise, but also effectively reduces low-frequency vibrations of car body, independent of temperature. In addition to improving the acoustic comfort of vehicle occupants, the new damping system also contributes to significant weight savings.

The cutting-edge integrated particle dampers complement the sound insulating and absorbing properties of fiber-based, lightweight and sustainable technologies such as Hybrid-Acoustics ECO+ or Prime-Light with a new function for damping low-frequency vibrations of the vehicle body. Compared to conventional damping alternatives, Zeta-Light thus allows for the effective reduction of both noise and vibration in a wider

frequency range and at lower weight. Moreover, the acoustic performance of the particle dampers is not affected by temperature.

The concept of Zeta-Light is as innovative as it is effective: Small particles are enclosed in thin nonwoven capsules and integrated into the car body side of noise-insulating components such as carpets or inner dashes. The capsule transfers the vibrations of the vehicle body to the particles and sets them in motion. Damping is achieved through collisions and friction between the individual particles. Zeta-Light also simplifies logistics, assembly process as well as recyclability in production and at the end of the vehicle's life.

[Source - https://www.nonwovens-industry.com/contents/view_breaking-news/2023-08-14/autoneum-introduces-zeta-light-automotive-trim-component/15325]

MEDITECH - Dual-Sided Wipes & Anti-Leak Adult Underwear

Dual-Sided Wipes for Household Care



Poland based Harper Hygienics has introduced Presto Professional Dual Action wipes to the household care market. The wipe combines two different material structures - a rough side to

remove stubborn dirt and a soft side to make a surface shine.

These wipes are available in two versions. Presto

Professional Dual Action Universal is a perfect solution for cleaning all the surfaces in the house, from countertops and sinks to furniture and floors. Wherever you need rapid cleanliness, it's got you covered. Presto Professional Dual Action Kitchen wipes are designed with a special formula to handle

tough stains, burnt residues and stubborn grease. It is an excellent choice for cleaning ovens, hobs and fireplaces.

[Source - <https://www.technicaltextiles.in/harper-hygenics-launches-dual-sided-wipes/>]

Revolutionary Anti-Leak Channel Technology for Adult Underwear



The team at Drylock US has successfully launched a new discreet and consumer preferred adult underwear with anti-leak channels. This innovative product features a patented 3 channel core system that effectively distributes liquid throughout the underwear core, ensuring the user stays dry.

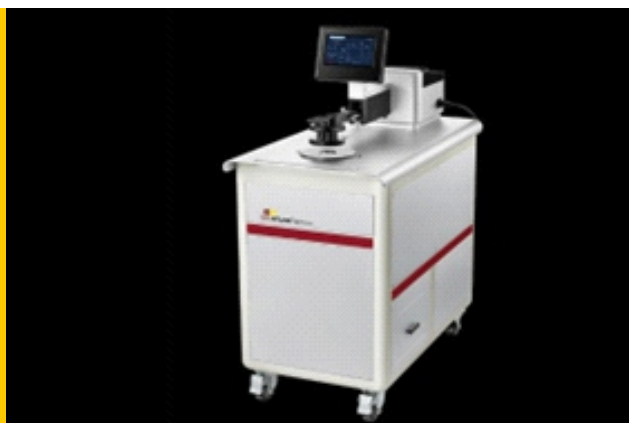
It not only enhances leakage protection but also offers the most discreet and comfortable solution available to consumers. Extensive at-home consumer testing has confirmed that Drylock's new underwear with anti-leak channels core technology is one of the best options on the market.

Additionally, this technology boasts a thinner design that utilises less material without compromising on performance. It is worth noting that Drylock is the first private label manufacturer in the US to introduce this advanced technology in adult underwear.

[Source - https://www.nonwovens-industry.com/contents/view_breaking-news/2023-07-17/drylock-launches-anti-leak-channel-adult-underwear/#:~:text=Drylock%20USA%20has%20launched%20anti,ensuring%20the%20wearer%20stays%20dry.]

TESTING EQUIPMENT - Air Permeability Tester

Advanced AirPerm Air Permeability Tester



US' SDL Atlas has released the next generation of its versatile AirPerm Air Permeability Tester. The AirPerm now has test head options specific for testing Personal Protection Equipment (PPE), allowing for Face Mask Testing to EN 14683 and Foam Testing to ASTM D3574 & EN ISO 7231.

Other features of the new AirPerm include touch

screen controller within easy reach, test results stored on the main controller and exported via a USB drive; automatic ranging system eliminates need for operator interface during a test; powerful, yet quiet vacuum accommodates a variety of test plates to suit every application and features easy checks for daily verification; 20 cm test head comes standard and is

used for instrument calibration; eight additional heads available and side drawers for test head and accessory storage.

The AirPerm makes air permeability testing affordable while maintaining confidence that test results meet international and retailer standards for

textiles, nonwovens, and paper providing quick, straightforward results in the unit of measure of your choice.

[Source - <https://sdlatlas.com/products/air-perm-air-permeability-tester#product-standards>]

RAW MATERIAL MANUFACTURERS - Debondable Textile Adhesive

Develops Debondable Adhesive for Textiles



Conagen, US, the biotechnology innovator, has announced the development of a debondable textile adhesive made from high-performance materials sourced from sustainable and natural biomolecules. Conagen's debondable adhesive offers a major application in the realm of reworkability during clothing production. Traditionally, when mistakes occur during manufacturing, it can lead to material wastage and additional production costs. Adjustments can be made by simply debonding the adhesive and the fabric components can be seamlessly reworked, resulting in improved production efficiency, reduced material waste, and significant cost savings for manufacturers.

Conagen's debondable adhesive not only drives sustainability through fabric recycling but also offers a practical and economical solution for optimising production processes in the clothing industry. The ability to debond and rework materials brings newfound flexibility and efficiency, benefiting manufacturers and the environment.

Conagen's high-strength debondable textile adhesive can be used for garments, but also extends to accessories and other soft goods applications. Furthermore, the technology is compatible with both natural and synthetic fibers and materials. To develop sustainable debondable textile adhesives, Conagen leverages its precision fermentation technology, independent of plant source materials, to create more efficient and sustainable bio-based ingredients compared to chemically-synthesized versions.

[Source - <https://conagen.com/press-item/conagen-develops-debondable-adhesive-for-textiles-and-soft-materials/#:~:text=Conagen%2C%20the%20biotechnology%20innovator%2C%20announced,of%20reworkability%20during%20clothing%20production.>]

UPCOMING EVENTS

DATES	EVENTS NAME	PLACE	WEBSITE
DOMESTIC EVENTS			
04-05 July 2023	CINC 2023 (Composites Industries National Conference)	Ahmedabad, India	https://cecaasia.com/
04-07 July 2023	HGH INDIA 2023 (Home Décor, Gifts & Houseware)	Mumbai, India	https://www.hghindia.com/
06-07 July 2023	OSH INDIA SOUTH	Chennai, India	https://www.oshindia.com/
06-08 July 2023	HOMTEX (India International Home Textile Exhibition)	New Delhi, India	https://textilefairsindia.com/homtexp/
12-14 September 2023	TECHTEXTIL INDIA 2023 (ITTA IS SUPPORTING THE EVENT)	Mumbai, India	https://techtextil-india.in.messefrankfurt.com/mumbai/en.html
26-28 September 2023	9TH EDITION NONWOVEN TECH ASIA (International Exhibition & Conference) (ITTA IS SUPPORTING THE EVENT)	Delhi, India	https://www.nonwoventechasia.com/
06 th October 2023	ITTA & SASMIRA JOINTLY - NATIONAL CONCLAVE ON AGROTECH - Accelerating Productivity of Agriculture & Horticulture Products (SUPPORTED BY NTTM, MOT, GOI)	Delhi, India	https://ittaindia.org/
18-20 October 2023	WORLD OF CONCRETE 2023 EXPO	Mumbai, India	https://www.woc-india.com/
23-25 November 2023	OSH INDIA	Mumbai, India	https://www.oshindia.com/
INTERNATIONAL EVENTS			
03-06 July 2023	92nd TEXTILE INSTITUTE WORLD CONFERENCE (TIWC 2023)	Huddersfield, UK	https://www.textileinstitute.org/events/tiwc/
17-20 July 2023	WORLD OF WIPES (WOW) (International Conference)	Atlanta, Georgia	https://www.worldofwipes.org/
30 July-04 August 2023	ICCM 2023 (International Conference on Composite Materials)	Belfast, UK	https://iccm23.org
10-12 August 2023	9TH FILTRATION & SEPARATION ASIA (FSA) + 12TH CHINA INTERNATIONAL FILTRATION & SEPARATION EXHIBITION	Shanghai, China	https://en.fsa-expo.com/
16-18 August 2023	INTERTEXTILE SHANGHAI HOME TEXTILES AUTUMN EDITION	Shanghai, China	https://intertextile-shanghai-hometextiles-autumn.hk.messefrankfurt.com/shanghai/en.html
06-07 September 2023	INTERNATIONAL COMPOSITES SUMMIT (ICS) (ITTA IS SUPPORTING THE EVENT)	Milton Keynes, UK	https://www.internationalcompositessummit.com/
12-13 September 2023	RESEARCH, INNOVATION AND SCIENCE FOR ENGINEERED FABRICS (RISE) 2023	North Carolina, USA	https://www.riseconf.net/
17-21 September 2023	12th INTERNATIONAL CONFERENCE ON GEOSYNTHETICS (ICG)	Roma, Italy	https://www.12icg-roma.org/

DATES	EVENTS NAME	PLACE	WEBSITE
19-21 September 2023	CINTE TECHTEXTIL CHINA	Shanghai, China	https://cinte-techtextil-china.hk.messefrankfurt.com/shanghai/en.html
10-12 October 2023	FILTPO™ 2023	Chicago, USA	https://www.filtpo.com
18-20 October 2023	OUTLOOK 2023	Algarve, Portugal	https://www.edana.org/events/outlook/outlook-2023
24-27 October 2023	A+A 2023	Germany	https://www.aplus-online.com/
01-03 November 2023	ADVANCED TEXTILES EXPO 2023	Orlando, USA	https://advancedtextilesexpo.com/
08-10 November 2023	20TH SHANGHAI INTERNATIONAL NONWOVENS EXHIBITION	Shanghai, China	https://en.since-expo.com/
13-16 November 2023	HYGIENIX 2023	New Orleans, LA	https://www.hygienix.org
14-16 November 2023	WATERPROOF MEMBRANES 2023	Cologne, Germany	https://www.ami-events.com/event/8c445995-58fb-4630-9b2d-c9e1c8f07305/summary
19-23 November 2023	ITMA ASIA + CITME	Shanghai, China	https://www.itmaasia.com/
30 November-2 December 2023	2ND EDITION ITME AFRICA & M.E. 2023	Nairobi, Kenya	https://www.itme-africa.com/
24-27 January 2024	IPF BANGLADESH 2023 (The 16th Bangladesh International Plastics, Printing & Packaging Industry Fair)	Dhaka, Bangladesh	https://www.chanchao.com.tw/ipf/
22-25 April 2024	IDEA 2024	Florida, USA	https://www.ideashow.org
23-26 April 2024	TECHTEXTIL 2024	Frankfurt, Germany	https://techtextil.messefrankfurt.com/frankfurt/en.html
04-08 June 2024	ITM 2024 (International Textile Machinery Exhibition)	Istanbul, Turkey	https://www.itmexhibition.com/itm2024
17-20 June 2024	WORLD OF WIPES (WOW) (International Conference)	Minneapolis, USA	https://www.worldofwipes.org/
12-14 November 2024	FILTECH 2024 (The Filtration Event)	Cologne, Germany	https://filtech.de/
18-21 November 2024	HYGIENIX 2024	Nashville, USA	https://www.hygienix.org
29 April-1 May 2025	IDEA 2025	Florida, USA	https://www.ideashow.org/