



सत्यमेव जयते

Ministry of Textiles  
Government of India

# Government of India's Initiatives in Technical Textiles

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## Notification of HSN Codes for Technical Textiles

*Unprecedented Thrust to Sunrise Sector of Technical Textiles*

TECHNICAL TEXTILE CONCLAVE

29th January, 2019

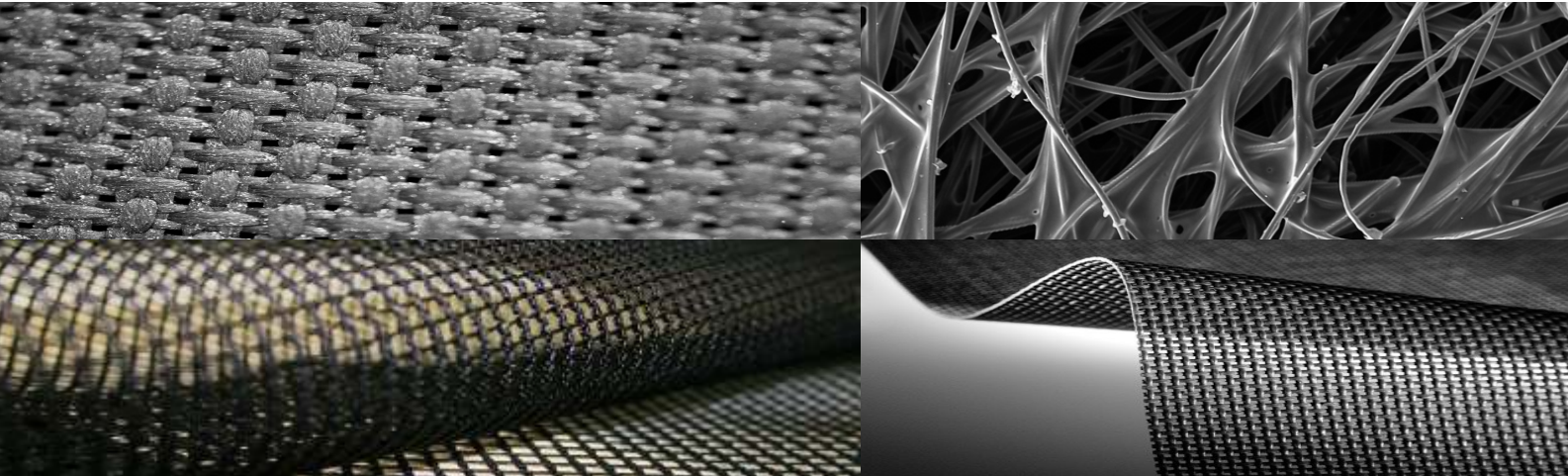
MUMBAI





# Technical Textile Sector

## Initiatives from Ministry of Textiles



### Did you know few facts about technical textile sector?

- Technical Textile Sector is the Sunshine Sector of the Textile Industry.
- Technical textiles are textile materials and products used for their technical performance and functional properties. Unlike conventional textiles used traditionally for clothing or furnishing, technical textiles are used basically on account of their specific physical and functional properties and mostly by other user industries and many institutional buyers.
- Technical Textile Sector in India is one of the fastest growing segments of the Indian Economy. The Technical Textile sector is expected to see a double digit growth in coming years.
- The technical textile sector is projected to reach a market size of Rs. 2 lakh crores by 2020-21.
- As per baseline survey of Technical Textile Industry in India, there are around 2100 units manufacturing Technical Textiles in India. Most of the units are concentrated in Gujarat followed by Maharashtra and Tamil Nadu.
- India has 4-5% share in the global Technical Textiles Market size across twelve segments of Technical Textiles.
- The domestic sector has attracted several large international players such as Johnson and Johnson, Procter & Gamble, 3M, DuPont, Maccaferri, Freudenberg, Terram, Kolpman, Lindstrom, Teijin, Ahlstrom, STRATA Geosystems, Owens Corning etc.



- Technical Textiles constitute 12-15% of the total textile value chain in India, However in some of the European countries technical textiles constitute 50% of the total textile value chain.
- Technical Textiles industry is continuously evolving with several of the Traditional materials being substituted by Technical Textiles due to advantages such as cost and performance.

## Oekotech

**BTRA, Mumbai (CoE Geotech)**

- Geomembranes for landfills
- Erosion Prevention Textiles



### ■ The major items of Technical Textile segments

- Agrotech** (Shade-nets, Mulch-mats, Crop-covers, Anti-hail nets and bird protection nets Fishing nets)
- Buildtech** (Architectural membranes, Hoardings & signages, Cotton canvas Tarpaulins, HDPE Tarpaulins, Awnings & canopies, Scaffolding nets)
- Clothtech** (Shoe laces, Interlinings, Zip Fasteners, Elastic Narrow Fabrics, Velcro, Labels, Umbrella Cloth & Sewing Threads)
- Geotech** (Geogrids, Geonets, Geomembranes, Geocomposites, Pre-fabricated Drains-PVD & Geo foams)
- Homotech** (Fiberfil, Mattress and pillow components, Carpet backing Cloth, Stuff Toys, Blinds, HVAC Filters & Filter cloth)
- Indutech** (Conveyor belts, Drive belts, Cigarette filter rods, Decatising cloth, Bolting cloth, AGM glass battery separators, Coated abrasives & Ropes & cordages)
- Meditech** (Baby diapers, Incontinence diapers, Sanitary napkin, Surgical sutures, Disposables, Surgical dressing & Artificial implants)
- Mobiltech** (Nylon tyre cord, Seat belt webbing, Airbags, Car body covers, Seat upholstery/fabric, Automotive carpets, Headliners, Insulation felts (NVH components), Sunvisors / sunblinds)
- Oekotech** (environmental protection- Geosynthetics are extensively used in the design of both base and cover liner systems of landfill facilities)
- Packtech** (Polyolefin Woven Sacks, FIBC, Leno bags, Wrapping fabric, Jute Hessian and Sacks, Soft luggage products, Tea-bags)

- xi. **Protech** (Bullet proof jackets, NBC suits, High altitude clothing & Fire retardant apparel)
- xii. **Sportech** (Sports Composites, Artificial turf, Parachute Fabrics, Ballooning fabrics, Sail cloth & Sleeping bags)

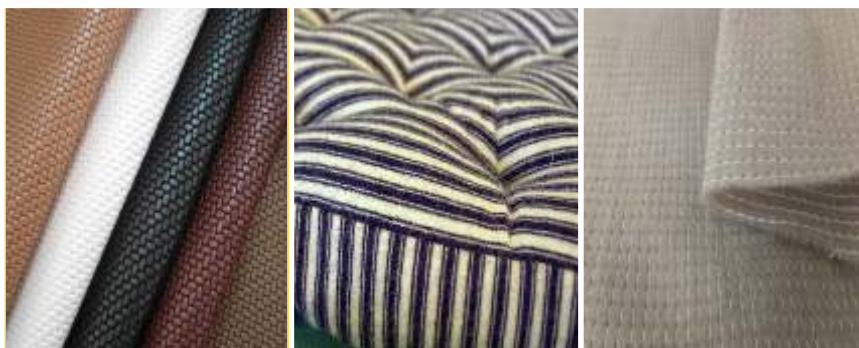
#### ■ Details of Initiatives of Ministry of Textiles

- A. Notification of 207 HSN Codes in Technical Textiles.
- B. Technology Mission on Technical Textiles (TMTT)
- C. Focus Incubation Centre (FIC)
- D. Scheme for Promoting usage of Agrotextiles in North East Region
- E. Scheme for Promoting usage of Geotechnical textiles in North East Region
- F. Scheme for Promoting usage of Agrotextiles in India (Excluding North East Region)
- G. Other Initiative.

### Homotech

PSG College of Technology  
(CoE Indutech)

- Furniture Upholstery Fabrics
- Mattress Fabrics
- Carpet Backings



#### A. NOTIFICATION OF 207 HSN CODES OF TECHNICAL TEXTILES:

To monitor the data of import and export and in order to provide any fiscal support to the technical textile sector, the first step was to recognise and notify separately the technical textiles items spread from chapter 1 to 99 of HSN classification book. In absence of clear classification of technical Textiles, there was confusion and many genuine manufactures were not getting various incentives being allowed to technical textile Sector by Central and State Governments. To fulfill long-standing demand of industry to declare Technical Textile items as separate category, Government of India has notified 207 HSN Codes as Technical Textiles. This step will give a major boost to the Technical Textile sector in India and it is expected that this step of Government will act as a catalyst for achieving the Market Size of Technical Textiles up to Rs.2.00 lakh crore by 2020-21.



## LIST OF 207 TECHNICAL TEXTILE ITEMS

Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
1	30051010	Adhesive Gauze Bandage
2	30051020	Adhesive Tape (Medicinal)
3	30059010	Cotton Wool, Medicated
4	30059030	Medicated Lint
5	30059040	Bandages Without Adhesive Layer
6	30059050	Burn Therapy Dressing Soaked In Protective Gel
7	39181010	Floor coverings of plastics, whether or not self-adhesive, in rolls or in the form of tiles; wall or ceiling covering of plastics, as defined in note 9 to this chapter : Of polymers of vinyl chloride : Wall or ceiling coverings combined with knitted or woven fabrics, nonwovens or felts
8	39189020	Floor coverings of plastics, whether or not self-adhesive, in rolls or in the form of tiles; wall or ceiling covering of plastics, as defined in note 9 to this chapter : Of other plastics : Wall or ceiling coverings combined with knitted or woven fabrics, nonwovens or felts
9	40093100	Tubes, pipes and hoses, of vulcanised rubber other than hard rubber, with or without their fittings (for example, joints, elbows, flanges) : Reinforced or otherwise combined only with textile materials: Without fittings: Tubes, Pipes And Hoses Of Vulcanised Rubber Reinforced/Otherwise Combined Only With Textile Materials Without Fittings
10	40101210	Conveyor or transmission belts or belting of vulcanised rubber : Reinforced only with textile materials : Where the rubber compound content is less than 25% by weight
11	52112020	Canvas (Including Duck ) Of Carded/Combed Yarn, Mixed Mainly Or Solely With Man-Made Fibres, Weighing More Than 200 G/M2
12	52113120	Dyed: Plain Weave: Canvas ( Including Duck ) Of Carded/ Combed Yarn, Mixed Mainly Or Solely With Man-Made Fibres, Weighing More Than 200 g/sqm
13	53101011	Unbleached: Containing 100% By Weight Of Jute: Carpet Backing Fabrics
14	53101012	Unbleached: Containing 100% By Weight Of Jute: Sacking Fabrics



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
15	53101013	Unbleached: Containing 100% By Weight Of Jute: Hessian Fabrics
16	53101014	Unbleached: Containing 100% By Weight Of Jute: Jute Canvas
17	53110015	Woven fabrics of other vegetable textile fibres ; Woven fabrics of paper yarn : Of coir including log form and geotextiles
18	54021910	Synthetic Filament Yarn (Other Than Sewing Thread), Not Put Up For Retail Sale: Nylon Tyre Yarn
19	54031010	High Tenacity Yarn Of Viscose Rayon: Viscose Rayon Tyre Yarn - 1,233 Decitex
20	54031020	High Tenacity Yarn Of Viscose Rayon: Viscose Rayon Tyre Yarn - 1,833 Decitex
21	54049090	Synthetic monofilament of 67 decitex or more and of which no cross-sectional dimension exceeds 1mm;strip and the like (for example, artificial straw) of synthetic textile materials of an apparent width not exceeding 5 mm : Other : Other+C204
22	54071011	Unbleached Parachute Fabrics
23	54071012	Unbleached Tent Fabrics
24	54071014	Unbleached Umbrella Cloth Panel Fabrics
25	54071021	Bleached Parachute Fabrics
26	54071022	Bleached Tent Fabrics
27	54071024	Bleached Umbrella Cloth Panel Fabrics
28	54071031	Dyed Parachute Fabrics
29	54071032	Dyed Tent Fabrics
30	54071034	Dyed Umbrella Cloth Panel Fabrics
31	54071041	Printed Parachute Fabrics
32	54071042	Printed Tent Fabrics
33	54071044	Printed Umbrella Cloth Panel Fabrics
34	54071091	Other Parachute Fabrics
35	54071092	Other Tent Fabrics
36	54071094	Other Umbrella Cloth Panel Fabrics
37	54071095	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 :Other: Bleached: Other nylon and polyamide fabrics of filament yarn



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
38	54074113	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 : Other woven fabrics, containing 85% or more by weight of filaments of nylon or other polyamides : Unbleached : Nylon tafetta
39	54074123	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 :Other woven fabrics, containing 85% or more by weight of filaments of nylon or other polyamides : Bleached : Nylon tafetta
40	54074230	Other Woven Fabrics, Containing 85% Or More By Weight Of Filaments Of Nylon Or Other Polyamides: Dyed: Nylon Tafetta
41	54074430	Other Woven Fabrics, Containing 85% Or More By Weight Of Filaments Of Nylon Or Other Polyamides: Printed: Nylon Tafetta
42	54082215	Woven Fabrics Containing More Than 85% Or More By Weight Of Artificial Filament Or Strip Or The Like: Dyed Woven Fabrics Of Rayon: Rayon Taffeta
43	54082415	Woven Fabrics Containing More Than 85% Or More By Weight Of Artificial Filament Or Strip Or The Like: Printed: Woven Fabrics Of Rayon Taffeta
44	54083213	Dyed: Rayon Tafetta
45	54083415	Printed: Rayon Tafetta
46	55122990	Woven fabrics of synthetic staple fibres, containing 85% or more by weight of synthetic staple fibres : Containing 85% or more by weight of acrylic or modacrylic staple fibres : Other : Other
47	56012110	Textile Materials And Articles Thereof; Textile Fibres, Not Exceeding 5 Mm In Length (Flock), Textile Dust And Mill Neps: Wadding; Other Articles Of Cotton Wadding: Absorbent Cotton Wool
48	56012190	Wadding; Other Articles Of Cotton Wadding: Other
49	56012200	Wadding Of Textile Materials And Articles Thereof; Textile Fibres, Not Exceeding 5 Mm In Length (Flock), Textile Dust And Mill Neps: Wadding Of Man-Made Fibres
50	56012900	Wadding; Other Articles Of Man-Made Fibres Wadding: Other
51	56021000	Felt, Whether Or Not Impregnated, Coated, Covered Or Laminated: Needle Loom Felt & Stitch-Bonded Fibre Fabrics
52	56022100	Other Felt, Not Impregnated, Coated, Covered Or Laminated: Of Wool Or Fine Animal Hair
53	56022910	Other Felt Not Impregnated, Coated, Covered Or Laminated Of Other Textile Materials For Machines Other Than Cotton Machinery





Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
54	56022920	Other Felt Not Impregnated, Coated, Covered Or Laminated: Of Jute (Including Blended/Union Jute) Not For Machinery
55	56022990	Felt, Whether Or Not Impregnated, Coated, Covered Or Laminated Of Other
56	56029090	Felt, Whether Or Not Impregnated, Coated, Covered Or Laminated: Other
57	56031100	Non wovens Of Man-Made Filaments: Weighing Not More Than 25 g/sqm
58	56031200	Non wovens Of Man-Made Filaments: Weighing More Than g/sqm But Not More Than 70 g/sqm
59	56031300	Non wovens Of Man-Made Filaments: Weighing More Than 70 g/sqm But Not More Than 150 g/sqm
60	56031400	Non wovens Of Man-Made Filaments: Weighing More Than 150 g/sqm
61	56039100	Non wovens Other :Weighing Not More Than 25 g/sqm
62	56039200	Non wovens Other: Weighing Between 25 g/sqm And 70 g/sqm
63	56039300	Non wovens Other: Weighing Between 70 g/sqm And 150 g/sqm
64	56039400	Non wovens Other: Weighing More Than 150 g/sqm
65	56041000	Rubber Thread And Cord, Textile Covered
66	56049000	Other Textile Yarn And Strip, Impregnated Coated Or Covered Or Sheathed With Rubber Or Plastics
67	56074100	Binder/Baler Twine: Of Polyethylene/ Polypropylene
68	56074900	Other cordage etc.: Of polyethylene/ polypropylene
69	56075010	Nylon Fish Net Twine
70	56075020	Nylon Tyre Cord
71	56075030	Viscose Tyre Cord
72	56075040	Nylon Rope
73	56075090	Twine, Cordage, Ropes And Cables Of Other Synthetic Fibres: Other
74	56079010	Coir, Cordage And Ropes: Other Than Cotton
75	56079020	Cordage, Cable Ropes And Twine: Of Cotton
76	56079090	Twine, Cordage, Rope & Cables: Other
77	56081110	Made Up Fishing Nets: Of Nylon
78	56081190	Made Up Fishing Nets: Other Than Nylon



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
79	56081900	Other Knotted Netting Of Twine,Cordage Or Rope: Of Man-Made Textile Materials
80	56089010	Other Twine, Cordage/ Rope etc.: Of Cotton
81	56089020	Other Twine, Cordage/Rope etc.: Of Jute
82	56089090	Other Knotted Twine, Cordage/ Rope Nets: Other
83	56090090	Articles of yarn, strip or the like of heading 5404 or 5405, twine, cordage, rope or cables, not elsewhere specified or included : Articles of yarn, strip or the like of heading 5404 or 5405, twine, cordage, rope or cables, not elsewhere specified or included : Other
84	57019020	Carpets and other textile floor coverings, Knotted, whether or not made up : Of coir including geo textile
85	57032090	Carpets and other textile floor coverings, tufted, whether or not made up : Of nylon or other polyamides : Other
86	57050090	Other carpets and other textile floor coverings, whether or not made up : Other carpets and other textile floor coverings, whether or not made up : Other
87	58019090	Of other textile materials : Pile fabrics and chenille fabrics not elsewhere specified or included
88	58062000	Other Narrow Woven Fabrics Containing By Weight 5% Or More Of Elastomeric Yarn/ Rubber Thread
89	58063110	Type Writer Ribbon Cloth: Of Cotton: Woven
90	58063200	Narrow Woven Fabrics Of Man-Made Fibres
91	58063910	Woven Narrow Goat Hair Puttis Tape
92	58063920	Woven Narrow Jute Webbing
93	59011020	Prepared Painting Canvas
94	59021010	Tyre Cord Fabric Of High Tenacity Yarn Of Nylon Or Other Polyamides: Impregnated With Rubber
95	59021090	Tyre cord fabric Of nylon or other polyamides: Others
96	59022010	Tyre Cord Fabric Of Polyester: Impregnated With Rubber
97	59022090	Tyre cord fabric Of polyesters: Others
98	59029010	Tyre Cord Fabric Of Others: Impregnated With Rubber



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
99	59029090	Tyre cord fabric of high tenacity yarn of nylon or other polyamides, polyesters or viscose rayon: Others
100	59031010	Textile Fabrics With Poly (Vinyl Chloride): Imitation Leather Fabrics Of Cotton
101	59031090	Other Fabrics Impergnated, Laminated Plated And Coated With PVC
102	59032010	Imitation Leather Cloth Of Cotton Laminated Plated, Coated, etc. With Polyurethane
103	59032090	Other Fabrics Impregnated Laminated Plated And Coated With Polyurethane
104	59039010	Textile Fabrics, Impregnated, Coated, Covered Or Laminated With Plastics, Other Than Those Of Heading 5902: Of Cotton
105	59039020	Textile Fabrics, Impregnated, Coated, Covered Or Laminated With Plastics, Other Than Those Of Heading 5902: Polyethylene Laminated Jute Fabrics
106	59039090	Other Fabric Plated Laminated Coated Impregnated With Other Plastics
107	59041000	Linoleums
108	59049010	Floor Covering Wth Jute Base
109	59049090	Other Floor Covering
110	59050010	Textile Wall Coverings: Fixed On The Backing Of Any Material
111	59050090	Textile Wall Coverings: Other
112	59061000	Adhesive Tape Of A Width Not Exceeding 20 cm.
113	59069110	Rubberised Textile Fabrics Other: Knitted Or Crocheted: Of Cotton
114	59069190	Rubberised Textile Fabrics Other: Knitted Or Crocheted: Of Other Textile Materials
115	59069910	Rubberised Textile Fabrics, Other Than Those Of Heading 5902, Of Other: Insulating Tape, Electrical Of Cotton
116	59069920	Rubberised Textile Fabrics Other: Rubberised Cotton Fabrics, Other Than Knitted Or Crocheted
117	59069990	Rubberised Textile Fabrics, Other Than Those Of Heading 5902: Of Other
118	59070011	Fabrics Covered Partially Or Fully With Textile Flocks, Or With Preparation Containing Textile Flocks: On The Base Fabrics Of Cotton
119	59070012	Fabrics Covered Partially Or Fully With Textile Flocks, Or With Preparation Containing Textile Flocks: On The Base Fabrics Of Man-Made Textile Material
120	59070019	Fabrics Covered Partially Or Fully With Textile Flocks, Or With Preparation Containing Textile Flocks: On Base Fabrics Of Other Textile Materials



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
121	59070091	Cotton Fabrics Coated Or Impregnated With Oil Or Preparations With Basis Of Drying Oil
122	59070092	Other Fabrics Coated Or Impregnated With Oil Or Preparations
123	59070093	Jute Fabrics Otherwise Impregnated Or Coated, With Oil Or Preparations
124	59070099	Other Textile Fabrics Otherwise Impregnated, Coated Or Covered; Painted Canvas Being Theatrical Scenery, Studio Back-Cloths Or The Like
125	59080010	Wicks & Gas Mantle Fabrics etc. Of Cotton
126	59080020	Gas Mantles Of Rayon
127	59080090	Textile wicks, woven, plaited or knitted, for lamps, stoves, lighters, candles or the like; incandescent gas mantles and tubular knitted gas mantle fabric therefor, whether or not impregnated: Others
128	59090010	Textile Hose Piping And Similar Textile Tubing, With Or Without Lining, Armour Or Accessories Of Other Materials Of Cotton
129	59090020	Textile Hose Piping And Similar Textile Tubing, With Or Without Lining, Armour Or Accessories: Of Manmade Fibre
130	59090090	Textile Hose Piping And Similar Textile Tubing, With Or Without Lining, Armour Or Accessories: Of Other Textile Materials
131	59100010	Cotton Canvas Ply Belting Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
132	59100020	Rubberised Cotton Belting Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
133	59100030	Other Transmission, Conveyor Or Elevator Belts Or Belting Of Cotton Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
134	59100040	Hair Belting Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
135	59100050	Flax Canvas Ply Belting Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
136	59100060	Fibre Belt Conveyor Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material
137	59100090	Other Transmission Or Conveyor Belts Or Belting, Of Textile Material, Whether Or Not Impregnated, Coated, Covered Or Laminated With Plastics, Or Reinforced With Metal Or Other Material



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
138	59111000	Textile Fabrics, Felt And Felt-Lined Woven Fabrics, Coated, Covered Or Laminated With Rubber, Leather Or Other Material, Of A Kind Used For Card Clothing, And Similar Fabrics Of A Kind Used For Other Technical Purposes, Including Narrow Fabrics Made Of Velvet Impregnated With Rubber, For Covering Weaving Spindles (Weaving Beams)
139	59112000	Bolting Fabrics, Whether Or Not Made Up Textile Fabrics And Felts, Endless Or Fitted With Linking Devices, Of A Kind Used In Paper Making Or Similar Machines (For Example, For Pulp Or Asbestos-Cement)
140	59113110	Textile Products And Articles, For Technical Uses, Specified In Note 7 To Chapter 59, Weighing Less Than 650 g/sqm: Felt For Cotton Textile Industries, Woven
141	59113120	Textile Fabrics Weighing Less Than 650 g/sqm: Woven Textiles Felt, Whether Or Not Impregnated Or Coated, Of A Kind Commonly Used In Other Machines
142	59113130	Textile Fabrics Weighing Less Than 650 g/sqm: Cotton Fabrics And Articles Used In Machinery And Plant
143	59113140	Textile Fabrics Weighing Less Than 650 g/sqm : Jute Fabrics & Articles Used In Machinery/Plant
144	59113150	Textile Fabrics Weighing Less Than 650 g/sqm, Of Metalised Yarn Of A Kind Commonly Used In Paper Making Or Other Machinery
145	59113190	Textile Fabrics Weighing Less Than 650 g/sqm: Other
146	59113210	Textile Fabrics Weighing 650 g/sqm Or More: Felt For Cotton Textile Industries, Woven
147	59113220	Textile Fabrics For Technical Uses Weighing 650 g/m <sup>2</sup> Or More: Woven Textiles Felt, Whether Or Not Impregnated Or Coated, Of A Kind Commonly Used In Other Machines
148	59113230	Textile Fabrics Weighing 650 g/sqm Or More: Cotton Fabrics & Articles Used In Machinery/Plant
149	59113240	Textile Fabrics For Technical Uses Weighing 650 g/m <sup>2</sup> Or More: Jute Fabrics & Articles Used In Machinery/Plant
150	59113290	Textile Fabrics Weighing 650 g/sqm Or More: Others
151	59113250	Textile Fabrics For Technical Uses Weighing 650 g/m <sup>2</sup> Or More: Of Metalised Yarn Of A Kind Commonly Used In Paper Making Or Other Machinery
152	59114000	Textile Fabrics Weighing 650 G/M <sup>2</sup> Or More: Straining Cloth Of A Kind Used In Oil Presses Or The Like, Including That Of Human Hair
153	59119010	Textile Products For Technical Uses: Paper Maker's Felt (Woven)



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
154	59119020	Textile Products For Technical Uses: Gaskets Washers Polishing Discs & Other Machinery Parts Of Textile Articles
155	59119090	Textile Products For Technical Uses: Others
156	60024000	Knitted or crocheted fabrics of a width not exceeding 30 cm, containing by weight 5% or more of elastomeric yarn or rubber thread, other than those of heading 6001 : Containing by weight 5% or more of elastomeric yarn but not containing rubber thread
157	60029000	Knitted or crocheted fabrics of a width not exceeding 30 cm, containing by weight 5% or more of elastomeric yarn or rubber thread, other than those of heading 6001 : Other
158	60059000	Warp knit fabrics (including those made on gallon knitting machines), other than those of heading 6001 to 6004Of artificial fibres : Other
159	61151000	Panty hose, tights, stockings, socks and other hosiery, including graduated compression hosiery (for example, stockings for varicose veins) and footwear without applied soles, knitted or crocheted : Graduated compression hosiery ( for example, stpockings for varicose veins)
160	61152990	Panty hose, tights, stockings, socks and other hosiery, including graduated compression hosiery (for example, stockings for varicose veins) and footwear without applied soles, knitted or crocheted : Of other textile materials: Panty Hose And Tights Of Other Fibres
161	61161000	Gloves, Mittens And Mitts, Knitted Or Crocheted Impregnated, Coated Or Covered With Plastics Or Rubber
162	62103020	Outer Garments, Men Or Boys' Of Rubberised Textile Fabrics Not Knitted Or Crocheted
163	62104090	Other Men's Or Boys' Personal Protective Garments Not Knitted Or Crocheted
164	62105000	Personal Protective Garments For Women & Girl's Not Knitted Or Crocheted
165	62102010	Outer Garments For Men's Or Boys' Overcoats, Car-Coats, Capes, Cloaks, Anoraks, Wind-Cheaters, Wind Jackets And Similar Articles Other Than Those Of Heading 6202 Not Knitted Or Crocheted: Of Rubberized Textile Fabrics
166	62102020	Outer Garments For Men's Or Boys' Overcoats, Car-Coats, Capes, Cloaks, Anoraks, Wind-Cheaters, Wind Jackets And Similar Articles Other Than Those Of Heading 6202, Not Knitted Or Crocheted: Of Fabrics Impregnated, Coated, Covered Or Laminated With Preparations Of Cellulose Derivatives And Other Artificial Plastic Materials



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
167	62102030	Outer Garments, Men's & Boys' Overcoats, Car-Coats, Capes, Cloaks, Anoraks, Wind-Cheaters, Wind Jackets And Similar Articles Other Than Those Of Heading 6202, Not Knitted Or Crocheted: Of Textile Fabrics, Otherwise Impregnated Or Coated
168	62103010	Other Outer Garments For Women or Girls, overcoats, car-coats, capes, cloaks, anoraks, wind Cheaters, Not Knitted Or Crocheted: Of Textiles Impregnated, Coated, Covered Or Laminated With Preparation Of Cellulose Derivatives And Other Artificial Plastic Materials
169	62104010	Men's Or Boys' Personal Protective Garments, Not Knitted Or Crocheted: Bullet Proof Jackets, Bomb Disposal Jackets etc.
170	62112000	Ski-suits
171	63053200	Sacks And Bags, Flexible Intermediate Bulk Containers: Of Man Made Textile Materials
172	63061200	Tarpaulins, Awnings and Sunblindsetc.: Of Synthetic Fibres
173	63061910	Jute Tarpaulins (Incl. DwTarpauline)
174	63061920	Coir Blinds/Awnings
175	63061990	Other Tarpaulins, Awnings And Sunblinds; Tents; Sails For Boats, Sailboards Or Landcraft; Camping Goods
176	63062200	Tents: Of Synthetic Fibres
177	63062910	Tents Of Jute
178	63063000	Sails
179	63072010	Life Jackets And Life Belts Of Cotton
180	63072090	Life Jackets & Life Belts Excluding Cotton
181	68051010	Natural or artificial abrasive powder or grain, on a base of textile material, of paper, of paperboard or other materials, whether or not cut to shape or sewn or otherwise made up : On a base of woven textile fabric only : Abrasive cloth
182	68071010	Articles of asphalt or of similar material ( for example, petroleum bitumen or coal tar pitch) : In rolls: Tarfelt Roofing
183	70191100	Glass Fibres (Including Glass Wool): Chopped Strands Of A Length Not More Than 50 mm
184	70191200	Glass Fibres (Including Glass Wool): Rovings
185	70191900	Glass Fibres (Including Glass Wool): Other (Silvers, Yarn)
186	70193100	Glass Fibres (Including Glass Wool): Glass Mats



Sr. No	ITC HS Codes (2017)	Description of goods as per the list provided by MoT
187	70193200	Glass Fibres (Including Glass Wool): Glass Thin Sheets (Voils)
188	70193900	Glass Fibres (Including Glass Wool): Other (Webs Mattresses Boards etc)
189	70194000	Glass Fibres (Including Glass Wool): Woven Fabrics Of Rovings
190	70195100	Glass Fibres (Including Glass Wool) Woven Fabrics (Excluding Rovings) Of A Wdth Not More Than 30 Cm
191	70195200	Glass Fibres (Including Glass Wool) Woven Fabrics (Excluding Rovings) Of A Width More Than 30 Cm Plain Weave, Weighing Less Than 250 g/sqm, Of Filaments Measuring Per Single Yarn Not More Than 136 Tex
192	70195900	Other Woven Fabrics of glass
193	70199090	Other Made-Up Articles Of Glass Fibres (Fibre Glass
194	87082100	Parts and accessories of the motor vehicles of headings 8701 to 8705 : Other parts and accessories of bodies (including cabs) : Safety seat belts
195	87089500	Parts and accessories of the motor vehicles of headings 8701 to 8705 : Other parts and accessories : Safety airbags with inflater system; parts thereof
196	94043010	Mattress Supports; Articles Of Bedding And Similar Furnishing (For Example, Mattresses, Quilts, Eiderdowns, Cushions, Pouffes And Pillows) Filled With Feathers Or Down
197	94043090	Other Mattress Supports; Articles Of Bedding And Similar Furnishing (For Example, Mattresses, Quilts, Eiderdowns, Cushions, Pouffes And Pillows)
198	95069960	Sports Nets
199	96121010	Computer Printer Ribbon
200	96190010	Sanitary towels (pads) or sanitary napkins
201	96190020	Sanitary towels (pads) and tampons, napkins and napkin liners for babies and similar articles, of any material : Tampons
202	96190030	Sanitary towels (pads) and tampons, napkins and napkin liners for babies and similar articles, of any material : Napkins and Napkin liners for babies
203	96190040	Clinical Diapers
204	96190090	Sanitary towels (pads) and tampons, napkins and napkin liners for babies and similar articles, of any material : Other
205	54022090	High Tenacity yarn of nylon or other polyester (others and Texured yarns) 206
206	54021990	High Tenacity yarn of nylon or other polymer (others) (Less than 840 Denier)
207	54026100	Multi folded or cabled of nylon or other polyamides





## B. TECHNOLOGY MISSION ON TECHNICAL TEXTILES (TMTT):

- Ministry of Textiles had launched Technology Mission on Technical Textiles (TMTT) with Two Mini- Missions for a period of five years from 2010-11 to 2014- 15 with a total fund outlay of **Rs. 200 crore**. The scheme was launched during December 2010. TMTT was extended for another two years (2015-16 & 2016-17) with financial allocation of Rs.55.3 Cr.
- **Mini-Mission- I (Fund Allocation -156 Crore)** : Objectives were "Standardization, creating common testing facilities with national / international accreditation, indigenous development of prototypes and resource center with I.T. infrastructure".
- **Following Eight Centers of Excellence (COEs) have been established with a financial support under the Scheme to provide infrastructure support at one place for the convenience of manufacturers of Technical Textiles:**

Centre of Excellence	Segment	Contact Person	Email
The Bombay Textile Research Association (BTRA), LBS Marg, Ghatkopar (W) Mumbai – 400 086. Website: <a href="http://btraindia.com/geotech.asp">http://btraindia.com/geotech.asp</a>	Geotextiles & Oekotech	Dr. A. Mukophadhaya Director	director@btraindia.com
Synthetic & Art Silk Mills Research Association(SASMIRA)SASMIRA Marg, Worli, Mumbai – 400 025. Website <a href="http://sasmiraagrotech.com/index.html">http://sasmiraagrotech.com/index.html</a>	Agrotextiles & Packtech	Shri U.K. Gangopadhyay, Executive Director,	ukg1959@yahoo.co.in
Northern India Textile Research Association (NITRA), Sector 23, Raj Nagar, Ghaziabad -201 002. Website: <a href="http://www.nitracoeprotech.org/">http://www.nitracoeprotech.org/</a>	Protective Textiles & Mobiltech	Dr. ArindamBasu Director General	drbasu@nitratextile.org
South India Textile Research Association (SITRA), Post Box No. 3205, Aerodrome Post, Coimbatore – 641 014. Website: <a href="http://www.sitrameditech.org.in/index.php">http://www.sitrameditech.org.in/index.php</a>	Medical Textiles	Dr. Prakash Vasudevan Director	prakash.vasudevan@gmail.com
D K T E's Textile & Engineering Institute, Rajwada, Post Box No.130, Ichalkaranji-416115, Kolhapur. Website: <a href="http://www.dktecoenonwovens.in/index.html">http://www.dktecoenonwovens.in/index.html</a>	Non-Wovens & Clothtech	P.V. Kadole, Principal	pvkadole@gmail.com
PSG College of Technology,AvinashiRoad, Peelamedu, Coimbatore – 641 004. Website: <a href="http://www.psgtech.edu/coeindutech/index.html">http://www.psgtech.edu/coeindutech/index.html</a>	Industrial Textiles & Homotech	Smt. Thilagavathi Govindharajan Director	thilagapsg@gmail.com
Ahmedabad Textile Industry's Research Association (ATIRA), P.O. AmbawadiVistar, Ahmedabad – 380015. Website: <a href="http://www.atira.in/UserFiles/File/CoE/New_index.htm">http://www.atira.in/UserFiles/File/CoE/New_index.htm</a>	Composites & Buildtech	Shri M.N Subramaniam , Director	director@atira.in
Wool Research Association (WRA), PO Sandoz Baug,Kolshet Road, Thane-400607. Website: <a href="http://wraindia.com/PRESS%20RELEASE.htm">http://wraindia.com/PRESS%20RELEASE.htm</a>	Sports Textiles	Dr. A. K. Sharma, Director,	anil2005sharma@gmail.com



## Indutech PSG College of Technology

Coimbatore(CoE Indutech)-Bolting Cloth, filters, Abrasives, belts etc



## Agrotech

SASMIRA (CoE Agrotech)

- Shade Nets
- Bird Net



### ■ The essential facilities available in the Centres of Excellence for the technical textile are as follows:

- Facilities for testing and evaluation of products of identified segments of Technical Textiles with national / international accreditation and collaboration with foreign institutes / laboratories
- Resource Centre with I.T. infrastructure, Facilities for indigenous development of prototypes
- Facilities for training of core personnel and regular training of personnel from the technical textile industry
- Knowledge sharing with stake holders, Incubation Centre facilities &
- Setting up of standards at par with global level.

## C FOCUS INCUBATION CENTRE

In order to help the potential investors to enter into technical textiles, Ministry of Textiles has set up following Focus Incubation Centres (FIC) with the financial support under the scheme.

S. No.	FIC	Manufacturing set up
1.	ATIRA	Manufacturing of PORTA cabins
2.	DKTE	Coating of wovens, knitted and non-woven fabrics.
3.	NITRA	Weaving machine set up
4.	PSG Tech	<b>Coating and converting setup for non-wovens</b>
5.	SITRA	Conversion facility & Sample Development weaving
6.	IIT, Kharagpur:	Manufacturing and commercialization of Natural fibres epoxy composite, Graphene /carbon nano-tube polymer composites.
		Technical Textiles for use in combat vehicles, hypersonic aeroplanes, space vehicles and submarines.



S. No.	FIC	Manufacturing set up
7.	IIT, Mumbai:	To promote and nurture innovation and entrepreneurship in the field of technical textiles. The incubation centre will function in a hub-and-spoke model catalyzing synergetic interactions among the various stakeholders.
		Creation of a state-of-the-art infrastructure for advanced fiber reinforced composite like Unidirectional , Bidirectional, Cross-ply(0/90) S (CP) and different weaves of 3D woven FRP composites manufacturing, non-destructive testing and mechanical testing.
8.	IIT , Delhi:	A Technology Platform For Application Of Advanced Textile Structures For The Development Of Structural Composites Including Green And Waste Composites
9.	IIT, Kanpur	Establishing mechanism to assist start ups in technical textile area in daily business management to mature business enterprises.

**Meditech**  
SITRA (CoE Meditech)

- Compression Garments
- Wound Care
- Implantable materials



**Geotech**  
BTRA (CoE Geotech)

- Geotextiles, Geotubes, Geogrids



**Protech**  
NITRA (CoE Protech)

- Pressure Suits
- Bullet Proof Jackets
- Anti-Fire Suits



**Buildtech**  
ATIRA, Ahmedabad (CoE Composites)

- Scaffolding Nets, Awnings, Architectural Membranes





#### **D. SCHEME FOR PROMOTING USAGE OF AGROTEXTILES IN NORTH EAST REGION (FUND OUTLAY - RS 55 CR):**

- Ministry of Textiles, Government of India has launched a Scheme for Promoting Usage of Agrotexels in North-Eastern Region. The scheme was operationlised during June 2013 and is in force till March,2019. The aim is to encourage utilization of Agrotexels in improving the Agriculture, horticulture & floricultural produce of the N-E states through creating demonstration set-up depicting the benefit of usage of Agrotexel products suitable for the region. A total of 44 Demonstration Centers were setup across the 8 north-eastern states. Further a total of 1242 agrotexels kits were distributed to farmers in NER states.

#### **E. SCHEME FOR PROMOTING USAGE OF GEOTECHNICAL TEXTILES IN NORTH EAST REGION (FUND OUTLAY - RS 427 CR):**

- Ministry of Textile, Government of India has launched a Scheme for Promoting Usage of Geotechnical Textiles North-Eastern Region in March, 2015 and is in force till March, 2019. The objective of the Scheme is to promote and utilize Geo textiles in development of the infrastructure in the NE states by providing technological and financial support for meeting additional costs, if any, due to the usage of Geo textiles in existing/ new projects in road, hill/ slope protection and water reservoirs. The Scheme has two Components namely (i) Application of geo textiles solutions including onsite installation and (ii) Sensitization activities, market studies, on-site testing, training and capacity building, etc. Till date a total of 40 projects have been approved with a cost of Rs. 102 crore.

#### **F. SCHEME FOR PROMOTING USAGE OF AGROTEXTILES IN INDIA (EXCLUDING NORTH EAST REGION):**

- With the overwhelming response of the Schemes for promoting usage of Agrotexels in NER, one new Component "Scheme for Promoting Usage of Agrotexels in India (excluding North Eastern States)" was introduced & funded under Mini-Mission-II of Technology Mission on Technical Textiles (TMTT) for a period of two years (2015-16 & 2016-17) with a fund outlay of Rs. 5.00 crores. Under this scheme a total of 10 Demonstration Centers have been setup across India and a total of 200 agrotexel kits have been distributed to farmers

#### **G. OTHER INITIATIVE:-**

To boost the technical textile sector, Ministry of Textiles has taken the initiative of persuading all the user Ministries at the highest level to incorporate the technical textiles in their specifications, manuals, guidelines etc. Nodal Officers have been nominated for each Ministry to expedite the process.

**Clothtech**  
DKTE, Ichalkaranji (CoE  
Nonwovens)

- Velcro
- Shoe Interlining
- Garment Interlining





## Packtech

SASMIRA, Mumbai (CoE Agrotech)

- FIBC, Sacks for Storage
- Soft Luggage, Non-paper Tea Bags









## Mobiltech

NITRA, Ghaziabad (CoE Protech)

- Airbag Fabrics
- Upholstery Fabrics
- NVH Nonwovens
- Composites



Product	Usage	Impact
	<b>Shade-Nets:</b> Provide a partially controlled environment by primarily reducing light intensity and effective heat during day time to crops grown under it.	Enables lengthening of the cultivation seasons as well as off-season cultivation.
	<b>Mulch-Mats:</b> cover the soil around the plant or tree and help in blocking off light and preventing the competitive weed growth around seed links	Suppress weed growth in horticulture applications
	<b>Geogrids:</b> The principal application for Geogrids is the reinforcement of soil	Increase in the life of roads due to better reinforcement of soil in the substrate
	<b>Surgical Gowns/Masks:</b> Garments worn during medical procedures as uniform of the surgical team.	Prevent contamination by splattering of body fluids such as blood, respiratory secretions, vomit, urine or feces during medical procedures
	<b>Ballistic Protection Garments:</b> Worn by the personnel as standard part of the dress	Protection against Extremely High Velocity Projectiles such as Bullets etc.
	<b>Fire Hazard Protection:</b> Worn by the personnel as standard part of the dress	Flame, Convective and Radiant Heat Protection





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