BUREAU OF INDIAN STANDARDS

Program of Work

TXD 30 : Geosynthetics

Scope: a) To formulate Indian standards on terminology, testing, specifications and codes of practices for identification, handling, storage and installation, etc. of all products made from man-made & natural materials including geo-textiles, geo-membranes, geo-grids, geo-foams, geo-composites, geo-cells, clay liners and other geo-synthetic related products. b) To liaise with the work of ISO/TC 221 Geo-synthetics Technical Committee as a participating member.

Liaison: **ISO TC-221 (P):** *Geosynthetics* **ISO TC-221 (P):** *Geosynthetics*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO 10769:2011 ISO 10769:2011 ISO 10769:2011	Clay geosynthetic barriers Determination of water absorption of bentonite	September, 2026	-	Identical under dual numbering
2	IS/ISO 10773:2011 ISO 10773:2011 ISO 10773:2011	Clay geosynthetic barriers Determination of permeability to gases		-	Identical under dual numbering
3	IS 13162 (Part 4):2026 ISO 13433: 2006	Geosynthetics — Methods of Test Part 4 Dynamic Perforation (Cone Drop Test) (Second Revision)		-	Identical under dual numbering
4	IS 13162 (Part 3):2021 ISO 9863-1:2016 ISO 9863-1:2016	Geosynthetics - Determination of thickness at specified pressures (Part 3) : Single layers (first revision)	March, 2026	-	Identical under dual numbering
5	IS 13162 (Part 2):2024	Geotextiles - Methods of test : Part 2 Determination of resistance to the exposure of ultraviolet light, moisture and heat (xenon-arc type apparatus) (first revision)		-	Indigenous
6	IS 13321 (Part 1):2022 ISO 10318-1:2015 ISO 10318-1:2015	Geosynthetics - (Part 1) : Terms and definitions (first revision)		-	Identical under dual numbering
7	IS 13321 (Part 2):2022 ISO 10318-2:2015 ISO 10318-2:2015	Geosynthetics - (Part 2) : Symbols and pictograms		-	Identical under dual numbering
8	IS 13325:1992	Determination of tensile properties of extruded polymer geogrids using the wide strip - Test method	February, 2019	-	Indigenous
9	IS 13326 (Part 1):2025 ISO 12957 (Part 1) : 2018 ISO 12957 (Part 1) :	Geosynthetics - Determination of friction characteristics : Part 1 Direct shear test (first revision)		-	Identical under dual numbering

	2018				
10	IS 14293:2024	Geotextiles - Method for determination of trapezoid tearing strength (first revision)		-	Indigenous
11	IS 14294:2024	Geotextiles - Method for determination of apparent opening size by dry sieving technique (first revision)		-	Indigenous
12	IS 14324:2025 ISO 11058 : 2019 ISO 11058 : 2019	Geotextiles and geotextile related products - Determination of water permeability characteristics normal to the plane, without load (first revision)		-	Identical under dual numbering
13	IS 14706:2024 ISO 9862: 2023 ISO 9862: 2023	Geosynthetics - Sampling and preparation of test specimens (first revision)		-	Identical under dual numbering
14	IS 14714:2024	Geotextiles - Determination of abrasion resistance (first revision)		-	Indigenous
15	IS 14715 (Part 1):2016	Jute geotextiles - (Part 1) Strengthening of sub-grade in roads - Specification (second revision)	May, 2025	-	Indigenous
16	IS 14715 (Part 2):2016	Jute geotextiles - (Part 2) Control of bank erosion in rivers and waterways - Specification (second revision)	May, 2025	-	Indigenous
17	IS 14716:2021 ISO 9864:2005	Geosynthetics - Test method for the determination of mass per unit area of geotextiles and geotextile-related products (first revision)	March, 2026	-	Modified/Technically Equivalent
18	IS 14739:2026 ISO 13431:1999	Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour (second revision)		-	Identical under dual numbering
19	IS 14986:2001	Guidelines for application of jute geotextile for rain water erosion control in road and railway embankments and hill slopes	March, 2023	-	Indigenous
20	IS 15060:2018 ISO 10321:2008 ISO 10321:2008	Geosynthetics – Tensile test for joint seams by wide-width strip method (first revision)	March, 2024	-	Identical under dual numbering
21	IS 15868 (Part 16):2008	Natural fibre geotextiles (Jute geotextile and coir BHOOVASTRA) – Methods of test	January, 2023	-	Indigenous
22	IS 15869:2020	Textiles – Open weave coir Bhoovastra – Specification (first revision)	March, 2025	-	Indigenous
23	IS 15871:2009	Use of coir geotextiles (Coir BHOOVASTRA) in unpaved roads – Guidelines	March, 2024	-	Indigenous
24	IS 15872:2009	Application of coir geotextiles (Coir woven BHOOVASTRA) for rain water erosion control in roads, railway embankments and hill slopes – Guidelines	December, 2024	-	Indigenous
25	IS 15909:2020	PVC Geomembranes for Lining - Specification (Second Revision)	March, 2025	-	Indigenous

26	IS 16078:2013 ISO 12236 ISO 12236:2006	Geosynthetics - Static puncture test (CBR Test)	January, 2023	-	Identical under dual numbering
27	IS 16090:2013	Geo-synthetics - Geo-textiles used as protection (or cushioning) materials - Specification	January, 2023	1	Indigenous
28	IS 16237:2026	Geotextiles and geotextile-related products — Determination of the characteristic opening size (Wet sieving) (first revision))		-	Indigenous
29	IS 16341:2015	Geosynthetics - Standard practice for exposure and retrieval of samples to evaluate installation damage of geosynthetics	December, 2024	-	Indigenous
30	IS 16342:2015	Geosynthetics - Method of test for grab breaking load and elongation of geotextiles	December, 2024	-	Indigenous
31	IS 16343:2015	Geosynthetics - Guidelines for installation of geotextiles as pavement fabric	December, 2024	-	Indigenous
32	IS 16344:2015	Geosynthetics - Guidelines for installation of geotextile for permanent erosion control in hard armor systems	December, 2024	-	Indigenous
33	IS 16345:2020	Geosynthetics – Guidelines for installation of geotextile used in subgrade separation in pavement structures (first revision)	December, 2024	-	Indigenous
34	IS 16346:2015	Geosynthetics - Method of test for evaluation of stress crack resistance of polyolefin geomembranes using notched constant tensile load test	December, 2024	-	Indigenous
35	IS 16347:2015	Geosynthetics - Method of test for effects of temperature on stability of geotextile	December, 2024	-	Indigenous
36	IS 16348:2015	Geosynthetics - Method of test for index puncture resistance of geomembranes and related products	December, 2024	-	Indigenous
37	IS 16349:2015	Geosynthetics – Guidelines for installation of geogrids used as reinforcement of base and sub-base layers in pavement structures	March, 2025	-	Indigenous
38	IS 16351:2015	Geosynthetics - Standard practice for laboratory immersion procedures for evaluating the chemical resistance of geosynthetics to liquids	December, 2024	-	Indigenous
39	IS 16352:2020	Geosynthetics – High density polyethylene (HDPE) geomembranes for lining – Specification (first revision)	March, 2025	-	Indigenous
40	IS 16355:2015	Geosynthetics - Guidelines for installation of geogrids used as soil reinforcement in mechanically stabilised earth (MSE) retaining structures	December, 2024	-	Indigenous
41	IS 16356:2015	Geosynthetics - Method of test for	December, 2024	-	Indigenous

		pore size characteristics of geotextiles by capillary flow test			
42	IS 16362:2024	Geosynthetics - Geotextiles for Subsurface Drainage, Subgrade Separation, Subgrade Stabilization, Filtration and Erosion Control (In Hard Armor Systems) Applications - Specification (second revision)		1	Indigenous
43	IS 16363:2015	Geosynthetics - Guidelines for installation of geotextile used in subsurface drainage application	December, 2024	-	Indigenous
44	IS 16380:2020	Geosynthetics – Method of test for measuring pullout resistance of geosynthetics in soil (first revision)	March, 2025	-	Indigenous
45	IS 16389:2015	Geosynthetics - Method of test for biological clogging of geotextile or soil/geotextile filters	December, 2024	-	Indigenous
46	IS 16474:2015	Geosynthetics – Method of test for tensile properties of geogrids by the single or multi-rib tensile method	March, 2025	-	Indigenous
47	IS 16475:2015	Geosynthetics - Method of test for determination of 2 percent secant modulus for polyethylene geomembranes	March, 2025	-	Indigenous
48	IS 16477:2015	Geosynthetics - Method of test for determination of performance strength of geomembranes by the wide strip tensile method	March, 2025	-	Indigenous
49	IS 16483:2017	Geosynthetics - Method for microscopic evaluation of the dispersion of carbon black in polyolefin geosynthetics	January, 2023	-	Indigenous
50	IS 16493:2017	Geosynthetics – Method of test for determination of pyramid puncture resistance of unprotected and protected geomembranes	January, 2023	-	Indigenous
51	IS 16635:2026 ISO 10319:2015	Geosynthetics — Wide-width tensile test (first revision)		-	Identical under dual numbering
52	IS 16653:2017 Reviewed In : 2023	Geosynthetics - Needle punched nonwoven geobags for coastal and waterways protection - Specification	January, 2023	1	Not Equivalent
53	IS 16654:2017	Geosynthetics - Polypropylene multifilament woven geobags for coastal and waterways protection - Specification	January, 2023	-	Indigenous
54	IS 17179 (Part 2):2025 ISO 12958-1:2020 ISO 12958-2:2020	Geotextiles and geotextile-related products - Determination of water flow capacity in their plane (Part 1) : Index test (first revision)		-	Identical under dual numbering
55	IS 17179:2025 ISO 12958-2:2020 ISO 12958-2:2020	Geotextiles and geotextile-related products - Determination of water flow capacity in their plane (Part 2) : Performance test (first revision)		-	Identical under dual numbering
56	IS 17360:2020 ISO 13438 : 2018 ISO 13438:2018	Geosynthetics – Screening test method for determining the resistance of geotextiles and geotextile-related products to	March, 2025	-	Identical under single numbering

		oxidation			
57	IS 17363:2025 ISO 12960:2020 ISO 12960:2020	Geotextiles and geotextile-related products - Screening test methods for determining the resistance to acid and alkaline liquids (first revision)		-	Identical under dual numbering
58	IS 17365:2025 ISO/TS 20432:2022 ISO/TS 20432:2022	Determination of the Long-Term Strength of Geosynthetics for Soil Reinforcement â€" Guidelines (First Revision)		-	Identical under dual numbering
59	IS 17368:2020	Geosynthetics – Determination of damage to geosynthetic caused during installation	March, 2025	-	Indigenous
60	IS 17369 (Part 1):2020 ISO 13426-1 : 2019 ISO 13426-1:2019	Geotextiles and geotextile-related products – Strength of internal structural junctions Part 1 Geocells	March, 2025	-	Identical under dual numbering
61	IS 17369 (Part 2):2025 ISO 13426-2:2024 ISO 13426-2:2024	Geotextiles and geotextile-related products - Strength of internal structural junctions (Part 2) : Geo-composites (first revision)		-	Identical under dual numbering
62	IS 17371:2020	Geosynthetics – Geogrids for flexible pavements – Specification	March, 2025	1	Indigenous
63	IS 17372:2020	Geosynthetics – Polymeric strip/geostrip used as soil reinforcement in retaining structures – Specification	March, 2025	-	Indigenous
64	IS 17373:2020	Geosynthetics - Geogrids used in reinforced soil retaining structures - Specification	March, 2025	3	Indigenous
65	IS 17374:2020	Geosynthetics – Reinforced HDPE membrane for effluents and chemical resistance lining – Specification	March, 2025	-	Indigenous
66	IS 17420:2020 ISO 10722 : 2019 ISO 10722:2019	Geosynthetics – Index test procedure for the evaluation of mechanical damage under repeated loading – Damage caused by granular materials (Laboratory test method)	March, 2025	-	Identical under dual numbering
67	IS 17421:2020 ISO 10320 : 2019 ISO 10320:2019	Geosynthetics – Identification on site	March, 2025	-	Identical under single numbering
68	IS 17483 (Part 2):2020 ISO 18646-2 : 2019	Geosynthetics - Geocells - Specification (Part 2) Slope Erosion Protection Application, Amendment - 3		3	Indigenous
69	IS 17483 (Part 1):2020	Geosynthetics - Geocells - Specification (Part 1) Load Bearing Application	March, 2025	2	Indigenous
70	IS 17483 (Part 2):2020	Geosynthetics - Geocells - Specification (Part 2) Slope Erosion Protection Application, Amendment - 3	March, 2025	3	Indigenous
71	IS 17880:2022	Geosynthetics - Synthetics polymer rope gabions for coastal and waterways protection -		1	Indigenous

		Specification Amendment No. 1			
72	IS 18309:2023	Geosynthetics- Prefabricated Vertical Drains for Quick Consolidation for Very Soft Plastic Soil - Specification		-	Indigenous
73	IS 18591:2024	Geosynthetic Reinforced Soil Structures - Code of Practice		-	Indigenous
74	IS 19104:2025	Geosynthetics - Geotextile Tubes for Coastal and Waterways Protection - Specification		-	Indigenous
75	IS 19218:2025	Textiles - Coir Non-woven Stitched Composite Geotextiles for Erosion Control Applications - Specification		-	Indigenous
76	IS 19660:2026	Determination of long-term flow of geosynthetic drains		-	
77	IS 19663:2026	Geosynthetics — Test method for the determination of water discharge capacity for prefabricated vertical drains		-	
78	IS 19664:2026	Geosynthetics — Guidelines for the assessment of durability		-	
79	IS 19764 (Part 2):2026	Geosynthetics — Determination of compression behaviour — Part 2 : Determination of short-term compression behaviour		-	
80	IS 19884:2026	Geosynthetic Clay Liner — Specification		-	
81	IS 19885:2026	Geosynthetics - Drainage Geo-composite - Specification		-	

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TXD 30 (01193)	Geo-synthetics - Method of test for measuring geo-synthetic pullout resistance in soil
2	TXD 30 (01195)	Geo-synthetics - Specification for needle punched non woven goebags for coastal and waterways
3	TXD 30 (01074)	GEOTEXTILES - GUIDELINES FOR INSTALLATION OF GEOTEXTILE USED IN SUBSURFACE DRAINAGE APPLICATION
4	TXD 30 (01075)	GEOTEXTILES - GUIDELINES FOR INSTALLATION OF GEOTEXTILE FOR PERMANENT EROSION CONTROL IN HARD ARMOR SYSTEMS
5	TXD 30 (01076)	GEOTEXTILES - GUIDELINES FOR INSTALLATION OF GEOTEXTILE USED IN SUBGRADE SEPARATION IN PAVEMENT STRUCTURES
6	TXD 30 (01077)	GEOSYNTHETICS - GUIDELINES FOR INSTALLATION OF GEOGRIDS USED AS REINFORCEMENT OF BASE AND SUBBASE LAYERS IN PAVEMENT STRUCTURES
7	TXD 30 (01078)	GEOSYNTHETICS -GUIDELINES FOR INSTALLATION OF GEOGRIDS USED AS SOIL REINFORCEMENT IN MECHANICALLY STABILISED EARTH MSE RETAINING STRUCTURES
8	TXD 30 (01122)	GEOSYNTHETICS METHOD OF TEST FOR BIOLOGICAL CLOGGING OF GEOTEXTILE OR SOIL GEOTEXTILE FILTERS
9	TXD 30 (01123)	GEOSYNTHETICS - METHOD OF TEST FOR EFFECTS OF TEMPERATURE ON STABILITY OF GEOTEXTILE
10	TXD 30 (01124)	GEOSYNTHETICS - STANDARD PRACTICE FOR LABORATORY IMMERSION PROCEDURES FOR EVALUATING THE CHEMICAL RESISTANCE OF GEOSYNTHETICS TO LIQUIDS
11	TXD 30 (01125)	GEOSYNTHETICS - METHOD OF TEST FOR GRAB BREAKING LOAD AND ELONGATION OF GEOTEXTILES
12	TXD 30 (01079)	PVC GEO-MEMBRANES FOR LINING SPECIFICATION
13	TXD 30 (01026)	GEOSYNTHETICS GEOTEXTILES FOR PERMANENT EROSION CONTROL IN HARD ARMOR SYSTEMS SPECIFICATION
14	TXD 30 (01027)	GEOSYNTHETICS GEOTEXTILES USED IN SUB-GRADE SEPARATION IN PAVEMENT STRUCTURES SPECIFICATION
15	TXD 30 (01028)	GEOSYNTHETICS GEOTEXTILES USED IN SUBGRADE STABILIZATION IN PAVEMENT STRUCTURES SPECIFICATION
16	TXD 30 (01178)	GEOSYNTHETICS - METHOD OF TEST FOR EVALUATION OF STRESS CRACK RESISTANCE OF POLYOLEFIN GEOMEMBRANES USING NOTCHED CONSTANT TENSILE LOAD TEST
17	TXD 30 (01179)	GEOSYNTHETICS -METHOD OF TEST FOR PORE SIZE CHARACTERISTICS OF GEOTEXTILES BY CAPILLARY FLOW TEST
18	TXD 30 (01180)	GEOSYNTHETICS - STANDARD PRACTICE FOR EXPOSURE AND RETRIEVAL OF SAMPLES TO EVALUATE INSTALLATION DAMAGE OF GEOSYNTHETICS
19	TXD 30 (01182)	GEOSYNTHETICS - METHOD OF TEST FOR INDEX PUNCTURE RESISTANCE OF GEOMEMBRANES AND RELATED PRODUCTS
20	TXD 30 (01184)	GEOSYNTHETICS METHOD OF TEST FOR DETERMINATION OF 2 PERCENT SECANT MODULUS FOR POLYETHYLENE GEOMEMBRANES
21	TXD 30 (01185)	GEOSYNTHETICS METHOD OF TEST FOR DETERMINATION OF PYRAMID PUNCTURE RESISTANCE OF UNPROTECTED AND PROTECTED GEOMEMBRANES
22	TXD 30 (01186)	GEOSYNTHETICS METHOD OF TEST FOR TENSILE PROPERTIES OF GEOGRIDS BY THE SINGLE OR MULTI-RIB TENSILE METHOD
23	TXD 30 (01187)	Geosynthetics - Method of test for Determination of Performance strength of Geomenbranes by the wide strip tensile method
24	TXD 30 (01189)	Geosynthetics - Method for microscopic evaluation of the dispersion of carbon black in polyolefin geosynthetics
25	TXD 30 (01253) Revision of: IS 14715:2016	Jute Geo - Textiles Part 1 Strengthening of Sub-Grade in Roads
26	TXD 30 (01254) Revision of: IS 14715:2016	Jute Geo - Textiles Part 2 Control of Bank Erosion in Rivers and Waterways - Specification
27	TXD 30 (10293)	Geo-synthetics - Specification for polypropylene multifilament woven geotextile- bags for coastal and waterways protection
28	TXD 30 (10312) Revision	Geosynthetics - Wide width tensile test

	of: IS 13162:1992	
29	TXD 30 (10313) Revision of: IS 15060:2018	Geosynthetics - Tensile test for joints seams by wide-width strip method
30	TXD 30 (12484)	Geotextiles and geotextile-related products Determination of Water flow capacity in their plane
31	TXD 30 (14168)	Guidelines for the determination of the long-term strength of geosynthetics for soil reinforcement
32	TXD 30 (14512) Revision of: IS 16380:2020	1 Geo-synthetics Method of test for measuring Pullout resistance of Geosynthetics in soil
33	TXD 30 (14513)	GEO-SYNTHETICS DETERMINATION OF DAMAGE TO GEOSYNTHETIC CAUSED DURING INSTALLATION
34	TXD 30 (14515) Revision of: IS 15869:2020	Textiles Open weave coir Bhoovastra Specification
35	TXD 30 (14519) Revision of: IS 16362:2020	Geosynthetics - Geotextiles Used in Subgrade Stabilization in Pavement Structures - Specification
36	TXD 30 (14520) Revision of: IS 16345:2020	Geosynthetics - Guidelines for Installation of Geotextile used in Sub-Grade Separation in Pavement Structures
37	TXD 30 (14523) Revision of: IS 16352:2020	Geosynthetics - High Density Polyethylene HDPE Geomembranes for Lining - Specification
38	TXD 30 (14581)	GEO-SYNTHETICS - REINFORCED HDPE MEMBRANE FOR EFFLUENTS AND CHEMICAL RESISTANCE LINING SPECIFICATION
39	TXD 30 (14599) Revision of: IS 14739:1999	Geotextiles and geotextile-related products Determination of tensile creep and creep rupture behaviour
40	TXD 30 (14601)	Geotextiles and geotextile-related products Strength of internal structural junctions Part 2 Geocomposites
41	TXD 30 (14602)	Geosynthetics Screening test method for determining the resistance of geotextiles and geotextile-related products to oxidation
42	TXD 30 (14606)	Geotextiles and geotextile-related products -- Screening test method for determining the resistance to liquids
43	TXD 30 (14671)	GEOSYNTHETICS - GEOGRIDS USED IN REINFORCED SOIL RETAINING STRUCTURES SPECIFICATION
44	TXD 30 (14672)	GEOSYNTHETICS - GEOGRIDS FOR FLEXIBLE PAVEMENTS SPECIFICATION
45	TXD 30 (14673)	GEOSYNTHETICS - POLYMERIC STRIP GEOSTRIP USED AS SOIL REINFORCEMENT IN RETAINING STRUCTURES SPECIFICATION
46	TXD 30 (14682)	GEOSYNTHETICS - SPECIFICATION FOR GEOCELLS PART 1 LOAD BEARING APPLICATION
47	TXD 30 (14683)	GEOSYNTHETICS - SPECIFICATION FOR GEOCELLS PART 2 SLOPE EROSION PROTECTION APPLICATION
48	TXD 30 (15142)	GEOSYNTHETICS IDENTIFICATION ON SITE
49	TXD 30 (15143)	Geosynthetics Index test procedure for the evaluation of mechanical damage under repeated loading Damage caused by granular material laboratory test method
50	TXD 30 (15144)	Geotextiles and geotextile-related products Strength of internal structural junctions Part 1 Geocells
51	TXD 30 (15158) Revision of: IS 15909:2020	PVC geomembranes for lining - Specification
52	TXD 30 (15843) Revision of: IS 13162:1992	Geosynthetics Determination of thickness at specified pressures Part 3 Single layers
53	TXD 30 (15845) Revision of: IS 14716:1999	Geosynthetics Test method for the determination of mass per unit area of geotextiles and geotextile-related products
54	TXD 30 (15846) Revision of: IS 13321:1992	Geosynthetics Part 1 Terms and definitions
55	TXD 30 (15847)	Geosynthetics Part 2 Symbols and pictograms
56	TXD 30 (15848)	Clay geosynthetic barriers Determination of water absorption of bentonite
57	TXD 30 (15849)	Clay geosynthetic barriers Determination of permeability to gases
58	TXD 30 (17628)	Geosynthetics Polymer Gabions for Coastal and Waterways Protection Specification
59	TXD 30 (19403)	Geosynthetics- Prefabricated Vertical Drains for Quick Consolidation for Very Soft Plastic Soil - Specification
60	TXD 30 (19715)	Geosynthetics - Needle punched nonwoven geobags for coastal and waterways protection -Specification Amendment - 1
61	TXD 30 (20465)	Geosynthetic Reinforced Soil Structures - Code of Practice
62	TXD 30 (21612)	Geosynthetics - Geocells - Specification Part 1 Load Bearing Application Amendment - 1
63	TXD 30 (21613)	Geosynthetics - Geocells - Specification Part 2 Slope Erosion Protection Application

		Amendment - 1
64	TXD 30 (21617)	Geosynthetics - Geotextiles used in subgrade stabilization in pavement structures -Specification first revision Amendment - 1
65	TXD 30 (21618)	Geosynthetics Geogrids for flexible pavements Specification Amendment - 1
66	TXD 30 (21630)	Geosynthetics Geogrids used in reinforced soil retaining structures Specification Amendment - 1
67	TXD 30 (22876)	Geosynthetics - Geotextile Tubes for Coastal and Waterways Protection - Specification
68	TXD 30 (23152)	Geo-synthetics - Geo-textiles used as protection or cushioning materials - Specification Amendment - 1
69	TXD 30 (23155)	Geosynthetics - Geotextiles used in sub-grade separation in pavement structures - Specification Amendment - 1
70	TXD 30 (23158)	Geosynthetics - Geotextiles for permanent erosion control in hard armor systems - Specification Amendment - 1
71	TXD 30 (23159)	Geosynthetics - Geotextiles used in subsurface drainage application - Specification Amendment - 1
72	TXD 30 (23160)	Geosynthetics - Geogrids used in reinforced soil retaining structures - Specification Amendment - 2
73	TXD 30 (24916)	Geosynthetics - Geocells - Specification Part 1 Load Bearing Application Amendment - 2
74	TXD 30 (24918)	Geosynthetics - Geocells - Specification Part 2 Slope Erosion Protection Application Amendment - 2
75	TXD 30 (25076) Revision of: IS 16362:2020	Geosynthetics - Geotextiles for Subsurface Drainage Subgrade Separation Subgrade Stabilization Filtration and Erosion Control In Hard Armor Systems Applications - Specification
76	TXD 30 (25136) Revision of: IS 13162:1991	Geotextiles - Methods of test Part 2 Determination of resistance to the exposure of ultraviolet light moisture and heat xenon-arc type apparatus first revision
77	TXD 30 (25137) Revision of: IS 14293:1995	Geotextiles - Method for determination of trapezoid tearing strength first revision
78	TXD 30 (25138) Revision of: IS 14294:1995	Geotextiles - Method for determination of apparent opening size by dry sieving technique first revision
79	TXD 30 (25139) Revision of: IS 14714:1999	Geotextiles - Determination of abrasion resistance first revision
80	TXD 30 (25140) Revision of: IS 14706:1999	Geosynthetics - Sampling and preparation of test specimens first revision
81	TXD 30 (25141) Revision of: IS 14324:1995	Geotextiles and geotextile related products - Determination of water permeability characteristics normal to the plane without load first revision
82	TXD 30 (25142) Revision of: IS 13326:1992	Geosynthetics - Determination of friction characteristics Part 1 Direct shear test first revision
83	TXD 30 (25143) Revision of: IS 13162:1992	Geotextiles - Methods of Test Part 4 Dynamic Perforation Test Cone Drop Test first revision
84	TXD 30 (25914)	Textiles - Coir Non-woven Stitched Composite Geotextiles for Erosion Control Applications - Specification
85	TXD 30 (26515) Revision of: IS 17369:2020	Geotextiles and geotextile-related products - Strength of internal structural junctions Part 2 Geo-composites first revision
86	TXD 30 (26517) Revision of: IS 17365:2020	Guidelines for the determination of the long-term strength of geosynthetics for soil reinforcement first revision
87	TXD 30 (26519) Revision of: IS 17363:2020	Geotextiles and geotextile-related products - Screening test methods for determining the resistance to acid and alkaline liquids first revision
88	TXD 30 (26520) Revision of: IS 17179:2019	Geotextiles and geotextile-related products - Determination of water flow capacity in their plane Part 1 Index test first revision
89	TXD 30 (26521) Revision of: IS 17179:2019	Geotextiles and geotextile-related products - Determination of water flow capacity in their plane Part 2 Performance test first revision
90	TXD 30 (26868)	Geosynthetics - Geocells - Specification Part 2 Slope Erosion Protection Application Amendment - 3
91	TXD 30 (26989)	Geosynthetics - Geogrids used in reinforced soil retaining structures - Specification Amendment No - 3
92	TXD 30 (27273) Revision of: IS 15909:2020	Geosynthetics - PVC geomembranes for lining - Specification third revision
93	TXD 30 (27318)	Geosynthetics - Drainage Geo-composite - Specification
94	TXD 30 (28440)	Geosynthetics Guidelines for the assessment of durability
95	TXD 30 (28442)	Geosynthetics Methods of Test Part 4 Dynamic Perforation Cone Drop Test Second Revision
96	TXD 30 (28444)	Determination of long-term flow of geosynthetic drains

97	TXD 30 (28446)	Geotextiles and geotextile-related products Determination of the characteristic opening size Wet sieving first revision
98	TXD 30 (28447)	Geosynthetics Test method for the determination of water discharge capacity for prefabricated vertical drains
99	TXD 30 (28449)	Geosynthetics Determination of compression behaviour Part 2 Determination of short-term compression behaviour
100	TXD 30 (28451) Revision of: IS 14739:2021	Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour second revision
101	TXD 30 (28452) Revision of: IS 16635:2017	Geosynthetics Wide-width tensile test first revision
102	TXD 30 (28453)	Geosynthetics - Geotextiles for Subsurface Drainage Subgrade Separation Subgrade Stabilization Filtration and Erosion Control In Hard Armor Systems Applications - Specification second revision Amendment No 1
103	TXD 30 (32916)	Geosynthetics - Synthetics polymer rope gabions for coastal and waterways protection - Specification Amendment No 1
104	TXD 30 (33310)	Geosynthetics Geotextiles for Cushioning or Protection Applications Specification First Revision
105	TXD 30 (33598)	Geosynthetic Clay Liner Specification
106	TXD 30 (33970)	Geosynthetics- Prefabricated Vertical Drains for Quick Consolidation for Very Soft Plastic Soil - Specification Amendment No 1
107	TXD 30 (34888)	Geotextiles and geotextile related products - Determination of water permeability characteristics normal to the plane without load first revision Amendment No 1

Total Published Standards:77 Total Standards Under development:107

Aspect Wise Report

Product : 18
Code of Practices : 9
Methods of Test : 39
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 4
Service Specification : 0
Process Specification : 0
Unclassified : 6

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13162 (Part 5):1992	Geotextiles - Methods of Test - Part 5 Determination of Tensile Properties Using a Wide Width Strip
2	IS 14715:2000	Woven jute geotextiles - Specificatton
3	IS 15909:2010 IEC 60076-11 : 2018	PVC GEO - Membranes for Lining
4	IS 15910:2010	Geo-synthetics for highways - Specification
5	IS 16352:2015 0 ISO 16024 : 2005	GEOSYNTHETICS - HIGH DENSITY POLYETHYLENE HDPE GEOMEMBRANES FOR LINING - SPECIFICATION
6	IS 16391:2015	Geosynthetics - Geotextiles used in sub-grade separation in pavement structures - Specification
7	IS 16392:2015	Geosynthetics - Geotextiles for permanent erosion control in hard armor systems - Specification
8	IS 16393:2015	Geosynthetics - Geotextiles used in subsurface drainage application - Specification

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 14715 (Part 2):2016	Jute geotextiles - Part 2 Control of bank erosion in rivers and waterways - Specification second revision
2	IS 14715 (Part 1):2016	Jute geotextiles - Part 1 Strengthening of sub-grade in roads - Specification second revision
3	IS 14986:2001	Guidelines for application of jute geotextile for rain water erosion control in road and railway embankments and hill slopes
4	IS 15869:2020	Textiles Open weave coir Bhoovastra Specification first revision
5	IS 16090:2013	Geo-synthetics - Geo-textiles used as protection or cushioning materials - Specification
6	IS 16362:2024	Geosynthetics - Geotextiles for Subsurface Drainage Subgrade Separation Subgrade Stabilization Filtration and Erosion Control In Hard Armor Systems Applications - Specification second revision
7	IS 16653:2017 Reviewed In : 2023	Geosynthetics - Needle punched nonwoven geobags for coastal and waterways protection - Specification
8	IS 16654:2017	Geosynthetics - Polypropylene multifilament woven geobags for coastal and waterways protection - Specification
9	IS 17371:2020	Geosynthetics Geogrids for flexible pavements Specification
10	IS 17372:2020	Geosynthetics Polymeric strip geostrip used as soil reinforcement in retaining structures Specification
11	IS 17373:2020	Geosynthetics - Geogrids used in reinforced soil retaining structures - Specification
12	IS 17374:2020	Geosynthetics Reinforced HDPE membrane for effluents and chemical resistance lining Specification
13	IS 17483 (Part 1):2020	Geosynthetics - Geocells - Specification Part 1 Load Bearing Application
14	IS 17483 (Part 2):2020	Geosynthetics - Geocells - Specification Part 2 Slope Erosion Protection Application Amendment - 3
15	IS 17880:2022	Geosynthetics - Synthetics polymer rope gabions for coastal and waterways protection - Specification Amendment No 1
16	IS 18309:2023	Geosynthetics- Prefabricated Vertical Drains for Quick Consolidation for Very Soft Plastic Soil - Specification
17	IS 19104:2025	Geosynthetics - Geotextile Tubes for Coastal and Waterways Protection - Specification
18	IS 19218:2025	Textiles - Coir Non-woven Stitched Composite Geotextiles for Erosion Control Applications - Specification