

Geo Textiles (Quality Control) Order, 2022 (12.04.2023)

1. **Concerned Ministry** – Ministry of Textiles
2. **Standards introduced** – This order is applicable to the following goods or articles.

<u>Sl No.</u>	<u>Goods or Article</u>	<u>Indian Standard</u>	<u>Title of Indian Standard</u>
1.	Laminated High- Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining	IS 15351: 2015	Geotextiles - Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining - Specification
2.	Poly Vinyl Chloride (PVC) Geomembranes	IS 15909: 2020	Poly Vinyl Chloride (PVC) Geomembranes for Lining-Specification
3.	Needle punched non-woven geobags	IS 16653: 2017	Geosynthetics – Needle-punched non-woven geobags for coastal and waterways protection - Specification
4.	Polypropylene Multifilament woven geobags	IS 16654: 2017	Geosynthetics - Polypropylene Multifilament woven geobags for coastal and waterways protection - Specification
5.	Jute Geotextiles	IS 16654: 2017	Jute Geotextiles Part 1 Strengthening of Sub-Grade in Roads - Specification
6.	Jute Geotextiles	IS 14715 (Part 1): 2016	Jute Geotextiles Part 2 Control of Bank Erosion in Rivers and Waterways - Specification
7.	Open Weave Coir Bhoovastra	IS 14715 (Part 2): 2016	Textiles - Open weave coir bhoovastra – Specification
8.	Geotextiles used in sub-grade separation in pavement structures	IS 16391: 2015	Geosynthetics - Geotextiles Used in Sub-Grade Separation in

			Pavement Structures – Specification
9.	Geotextiles used in Subsurface Drainage Application	IS 16393: 2015	Geosynthetics - Geotextiles Used in Subsurface Drainage Application - Specification
10.	Geotextiles used in Subgrade Stabilization in pavement structures	IS 16362: 2020	Geosynthetics - Geotextiles Used in Subgrade Stabilization in Pavement Structures - specification
11.	High-Density Polyethylene (HDPE) Geomembranes for lining	IS 16352: 2020	Geosynthetics – High-Density Polyethylene (HDPE) Geomembranes for Lining –Specification
12.	Geotextiles used as protection (or cushioning) materials	IS 16090:2013	Geosynthetics Geotextiles used as protection (or cushioning) materials – Specification
13.	Geotextiles for permanent erosion control in hard armor systems	IS 16392:2015	Geosynthetics - Geotextiles for permanent erosion control in hard armor systems - Specification
14.	Geogrids for flexible pavements	IS 17371:2020	Geosynthetics - Geogrids for flexible pavements – Specification
15.	Polymeric strip or geostrip used as soil reinforcement in retaining structures	IS 17372:2020	Geosynthetics - Polymeric strip or geostrip used as soil reinforcement in retaining structures - Specification
16.	Geogrids used in reinforced soil retaining structures	IS 17373:2020	Geosynthetics - Geogrids used in reinforced soil-retaining structures
17.	Reinforced HDPE membrane for effluents and chemical resistance lining	IS 17374:2020	Geosynthetics - Reinforced HDPE membrane for effluents and chemical resistance lining - Specification
18.	Geocells	IS 17483 (Part 1): 2020	Geosynthetics - Geocells-Specification Part 1 Load Bearing Application

19.	Geocells	IS 17483 (Part 2): 2020	Geosynthetics - Geocells - Specification Part 2 Slope Erosion Protection Application
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3. **Date of application** – The order shall apply with effect from 180 days from the date of publication of the order, that is 13th October 2023.
4. **Salient features of the Order** –
 - a. The goods mentioned shall conform to the corresponding Indian Standard specified.
 - b. The goods mentioned shall bear the Standard Mark under a license from the Bureau of Indian Standards.
 - c. The Bureau of Indian Standards shall be the certifying and enforcing authority in respect of the goods or articles specified.
 - d. The order shall not apply to articles meant for export.
 - e. Failure to comply shall attract the penalty applicable under the Act.