

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### TXD 23 : Textile Materials Made from Polyolefins

Scope: To formulate Indian Standards Specifications and Methods of tests for textile Materials made from Polyolefins (Excluding cordage)

Liaison:

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11652:2017 <i>Reviewed In : 2022</i>	Textiles - High density polyethylene (HDPE)/ polypropylene (PP) woven sacks for packaging of 50 kg cement - Specification (third revision)	November, 2022	3	Indigenous
2	IS 12100:1987 <i>Reviewed In : 2025</i>	Specification for high density polyethylene (HDPE) woven sacks for packing flour	March, 2025	1	Indigenous
3	IS 14252:2015 <i>Reviewed In : 2020</i>	Textiles - High density polyethylene (HDPE)/polypropylene (PP) woven sack for filling sand - Specification (second revision)	September, 2020	3	Indigenous
4	IS 14738:2017 <i>Reviewed In : 2022</i>	Flexible intermediate bulk containers (FIBCs) - Specification (first revision)	March, 2022	-	Indigenous
5	IS 14887:2014 <i>Reviewed In : 2023</i>	Textiles - High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg food grains - Specification (first revision)	October, 2023	4	Indigenous
6	IS 14968:2015 <i>Reviewed In : 2020</i>	Textiles - High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packing 50 Kg/25 kg sugar - Specification (first revision)	September, 2020	5	Indigenous
7	IS 16187:2014 <i>Reviewed In : 2023</i>	Textiles - High density polyethylene (HDPE)/polypropylene (PP) leno woven sacks for packaging and storage of fruits and vegetables - Specification	October, 2023	1	Indigenous
8	IS 16208:2015 <i>Reviewed In : 2020</i>	Textiles - High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging 10 kg, 15 kg,	September, 2020	3	Indigenous

		20 kg, 25 kg and 30 kg foodgrains - Specification			
9	IS 16703:2017  Reviewed In : 2022	Textiles - High density polyethylene (HDPE) polypropylene (PP) woven sacks for packaging of 25 kg polymer materials - Specification	March, 2022	3	Indigenous
10	IS 16709:2017  Reviewed In : 2022	Textiles - Polypropylene (PP) woven, laminated, block bottom valve sacks for packaging of 50 kg cement - Specification	March, 2022	4	Indigenous
11	IS 17279:2019  Reviewed In : 2024	Textiles - Polypropylene (PP) nonwoven sacks for packing bulk commodities - Specification	March, 2024	-	Indigenous
12	IS 17399:2020  Reviewed In : 2024	Textiles - Polypropylene (PP)/high density polyethylene (HDPE) laminated woven sacks for mail sorting, storage, transport and distribution - Specification	October, 2024	1	Indigenous
13	IS 18482:2023	Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities - Specification Amendment No. 2		2	Indigenous
14	IS 6192:2023	Textiles Monoaxially oriented high density polyethylene HDPE and polypropylene PP tapes Specification		-	Indigenous
15	IS 6899:2023	Textiles - High density polyethylene HDPE polypropylene PP woven fabrics - Specification		-	Indigenous
16	IS 7903:2017  Reviewed In : 2022	Textiles - Tarpaulins made from high density polyethylene (HDPE) woven fabrics - Specification (fifth revision)	March, 2022	2	Indigenous
17	IS 8069:2023	Textiles - High density polyethylene (HDPE) polypropylene (PP) woven sacks for packing pesticides - Specification		-	Indigenous
18	IS 9755:2021  Reviewed In : 2025	Textiles - High density polyethylene (HDPE)/polypropylene(pp)woven sacks for packing fertilizers - Specification (sixth revision)	May, 2025	-	Indigenous

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Drafts Standards in WC Stage**

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Draft Standards Completed WC Stage**

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Finalized Draft Indian Standard**

SI. No.	Doc No.	Title
1	TXD 23 (27875) Revision of: IS 12100:1987	TEXTILES - HIGH DENSITY POLYETHYLENE HDPE POLYPROPYLENE PP WOVEN SACKS FOR PACKAGING OF FLOUR - SPECIFICATION FIRST REVISION
2	TXD 23 (27931) Revision of: IS 16703:2017	TEXTILES HIGH DENSITY POLYETHYLENE HDPEPOLYPROPYLENE PP WOVEN SACKS FOR PACKAGING OF 25 KG POLYMERS SPECIFICATION FIRST REVISION

**Finalized Draft Indian Standards under Print**

SI. No.	Doc No.	Title
1	TXD 23 (01251)	TEXTILES - HIGH DENSITY POLYETHYLENE HDPE POLYPROPYLENE PP WOVEN SACKS FOR FILLING SAND - SPECIFICATION
2	TXD 23 (10335)	Textiles - High density polyethylene HDPEpolypropylene PP Woven Sacks for packaging polymer materials Specification
3	TXD 23 (10359) Revision of: IS 7903:2017	Textiles Tarpaulins made from high density polythylene HDPE woven fabrics Specification
4	TXD 23 (10621)	Textiles - Polypropylene PP block bottom valve sacks for packaging of cement - Specification
5	TXD 23 (10622) Revision of: IS 11652:2017	Textiles - High density polyethylene HDPEpolypropylene PP woven sacks for packing cement Specification
6	TXD 23 (11946)	Textiles - High Density Polyethylene HDPE Polypropylene PP Woven Sacks for Packaging of 50 kg Food Grains - Specification Amendment - 5
7	TXD 23 (11947)	TEXTILES - HIGH DENSITY POLYETHYLENE HDPE POLYPROPYLENE PP WOVEN SACKS FOR PACKAGING 10 kg 15 kg 20 kg 25 kg AND 30 kg FOODGRAINS - SPECIFICATION Amendment - 2
8	TXD 23 (11948)	Textiles - High Density Polyethylene HDPE Polypropylene PP Woven Sacks for Packing Fertilizers - Specification Fifth Revision Amendment - 1
9	TXD 23 (11949)	Textiles - High Density Polyethylene HDPE Polypropylene PP Woven Sacks for Packing 50 Kg 25 Kg Sugar - Specification First Revision Amendment - 2
10	TXD 23 (11950)	Textiles - High Density Polyethylene HDPE Polyethylene PP Woven Sack for Filling Sand - Specification Second Revision Amendment - 2
11	TXD 23 (13868)	Textiles - Tarpaulins Made from High Density Polyethylene HDPE Woven Fabrics - Specification Fifth Revision Amendment - 1
12	TXD 23 (13946)	Textiles Polypropylene PP Nonwoven Sacks for Packaging Bulk Commodities - Specifications
13	TXD 23 (13948)	Textiles - High Density Polyethylene HDPE Polypropylene PP Woven Sacks for Packaging of 25 kg Polymer Materils - Specification Amendment - 1
14	TXD 23 (14975)	Textiles Polypropylene PP High Density Polyethylene HDPE Laminated Woven Sacks for Mail Storage Transport and Distribution- Specifications
15	TXD 23 (16476)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging 50 kg 25 kg sugar - Specification First Revision Amendment - 3
16	TXD 23 (16584)	Textiles High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg cement Specification third revision Amendment - 1
17	TXD 23 (16585)	Textiles High density polyethylene HDPE woven fabrics Specification second revision Amendment - 1
18	TXD 23 (16586)	Textiles High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg food grains Specification first revision Amendment - 5
19	TXD 23 (16587)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging 10 kg 15 kg 20 kg 25 kg and 30 kg foodgrains - Specification Amendment - 3
20	TXD 23 (16588)	Textiles High density polyethylene HDPE polypropylene PP woven sack for filling sand

		Specification second revision Amendment - 3
21	TXD 23 (16589)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 25 kg polymer materials - Specification Amendment - 2
22	TXD 23 (16590)	Textiles - Polypropylene PP woven laminated block bottom valve sacks for packaging of 50 kg cement - Specification Amendment - 1
23	TXD 23 (17233)	Specification for monoaxially oriented polypropylene tapes Amendment - 3
24	TXD 23 (18471)	Textiles - Polypropylene PP High Density Polyethylene HDPE Laminated Woven Sacks for Mail Sorting Storage Transport and Distribution - Specification Amendment - 1
25	TXD 23 (19172)	Textiles High density polyethylene HDPE polypropylene PP woven sacks for packing 50 Kg 25 kg sugar Specification first revision Amendment - 4
26	TXD 23 (19333)	Textiles High density polyethylene HDPE polypropylene PP woven sacks for packing 50 Kg 25 kg sugar Specification first revision Amendment - 5
27	TXD 23 (21629) Revision of: IS 6192:1994	Textiles Monoaxially oriented high density polyethylene HDPE and polypropylene PP tapes Specification
28	TXD 23 (21707)	Textiles - Polypropylene PP woven laminated block bottom valve sacks for packaging of 50 kg cement - Specification
29	TXD 23 (21922) Revision of: IS 8069:1989	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packing pesticides - Specification
30	TXD 23 (21923) Revision of: IS 6899:1997	Textiles - High density polyethylene HDPEpolypropylene PP woven fabrics - Specification
31	TXD 23 (21940)	Textiles - High density polyethylene HDPE polypropylene PP leno woven sacks for packaging and storage of fruits and vegetables - Specification Amendment - 1
32	TXD 23 (22258)	Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities - Specification
33	TXD 23 (22474)	Textiles - High Density Polyethylene HDPE Polypropylene pp Woven Sacks for Packing Fertilizers Amendment - 1
34	TXD 23 (26906)	Textiles High density polyethylene HDPE polypropylene PP woven sacks for packaging of 25 kg polymer materials Specification Amendment - 3
35	TXD 23 (26924)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg cement - Specification third revision Amendment - 2
36	TXD 23 (26926)	Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities - Specification Amendment - 1
37	TXD 23 (26927)	Textiles - Tarpaulins made from high density polyethylene HDPE woven fabrics - Specification fifth revision Amendment - 2
38	TXD 23 (27764) Revision of: IS 9755:2021	TEXTILES HIGH DENSITY POLYETHYLENE HDPEPOLYPROPYLENE PP WOVEN SACKS FOR PACKAGING FERTILIZERS - SPECIFICATION SEVENTH REVISION
39	TXD 23 (27873)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg food grains - Specification first revision Amendment - 4
40	TXD 23 (27874) Revision of: IS 14887:2014	TEXTILES HIGH DENSITY POLYETHYLENE HDPEPOLYPROPYLENE PP WOVEN SACKS FOR PACKAGING OF FOODGRAINS SPECIFICATION SECOND REVISION
41	TXD 23 (27972)	Textiles Polypropylene P P woven hermetically sealed sacks for packaging of bulk foodstuffs Specification
42	TXD 23 (28105)	Textiles - Polypropylene PP woven laminated block bottom valve sacks for packaging of 50 kg cement - Specification Amendment - 3
43	TXD 23 (28106)	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg cement - Specification third revision Amendment - 3
44	TXD 23 (32936)	Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities - Specification Amendment No 2
45	TXD 23 (33262)	Textiles - High density polyethylene HDPE polypropylene PP woven sack for packaging of sand - Specification second revision
46	TXD 23 (33263)	Amendment no 4 to IS 11652 2017 Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg cement - Specification third revision

**Total Published Standards:18 Total Standards Under development:48**

### Aspect Wise Report

Product : 18

Code of Practices : 0

Methods of Test : 0  
Terminology : 0  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 0  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 11197:1985 Reviewed In : 2023	Specification for monoaxially oriented polypropylene tapes
2	IS 11198:1985	Polypropylene PP woven sacks for packing fertilizers
3	IS 11651:1986 Reviewed In : 2002	High Density Polyethylene Hdpe Polypropylene Pp Woven Sacks Coated with Paper
4	IS 11653:1986	Polypropylene PP woven sacks for packing cement
5	IS 11824:1986 Reviewed In : 2002	Paper Coated High Density Polyethylene Woven Sacks for Packing Skim Milk Powder
6	IS 13511:1992	Packaging - Sacks Made form Thermoplastic Flexible Film - Vocabulary and Types
7	IS 13512:1992	Packaging - Empty Sacks Made from Plastic Flexible Film - Description and Method of Measurement
8	IS 14341:1996 Reviewed In : 2001	Textiles - Paper laminated high density polyethylene HDPE polypropylene PP fabric for wrapping covering
9	IS 14378:1996 Reviewed In : 2001	Textiles - Paper laminated high density polyethylene HDPE polypropylene PP bags for packing cements
10	IS 6193:1971 Reviewed In : 2023	Methods of tests for monoaxially oriented high density polyethylene polypropylene tapes
11	IS 6340:1971	High density polyethylene woven sacks incorporated in IS 9755

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11652:2017 Reviewed In : 2022	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg cement - Specification third revision
2	IS 12100:1987 Reviewed In : 2025	Specification for high density polyethylene HDPE woven sacks for packing flour
3	IS 14252:2015 Reviewed In : 2020	Textiles - High density polyethylene HDPE polypropylene PP woven sack for filling sand - Specification second revision
4	IS 14738:2017 Reviewed In : 2022	Flexible intermediate bulk containers FIBCs - Specification first revision
5	IS 14887:2014 Reviewed In : 2023	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 50 kg food grains - Specification first revision
6	IS 14968:2015 Reviewed In : 2020	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packing 50 Kg 25 kg sugar - Specification first revision
7	IS 16187:2014 Reviewed In : 2023	Textiles - High density polyethylene HDPE polypropylene PP leno woven sacks for packaging and storage of fruits and vegetables - Specification
8	IS 16208:2015 Reviewed In : 2020	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging 10 kg 15 kg 20 kg 25 kg and 30 kg foodgrains - Specification
9	IS 16703:2017	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packaging of 25 kg

		polymer materials - Specification
	Reviewed In : 2022	
10	IS 16709:2017	Textiles - Polypropylene PP woven laminated block bottom valve sacks for packaging of 50 kg cement - Specification
	Reviewed In : 2022	
11	IS 17279:2019	Textiles - Polypropylene PP nonwoven sacks for packing bulk commodities - Specification
	Reviewed In : 2024	
12	IS 17399:2020	Textiles - Polypropylene PP high density polyethylene HDPE laminated woven sacks for mail sorting storage transport and distribution - Specification
	Reviewed In : 2024	
13	IS 18482:2023	Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities - Specification Amendment No 2
14	IS 6192:2023	Textiles Monoaxially oriented high density polyethylene HDPE and polypropylene PP tapes Specification
15	IS 6899:2023	Textiles - High density polyethylene HDPE polypropylene PP woven fabrics - Specification
16	IS 7903:2017	Textiles - Tarpaulins made from high density polyethylene HDPE woven fabrics - Specification fifth revision
	Reviewed In : 2022	
17	IS 8069:2023	Textiles - High density polyethylene HDPE polypropylene PP woven sacks for packing pesticides - Specification
18	IS 9755:2021	Textiles - High density polyethylene HDPE polypropylene pp woven sacks for packing fertilizers - Specification sixth revision
	Reviewed In : 2025 ISO 18738-2 : 2012	