



Valid from 13 February 2024
to 29 June 2026
Issued on 13 February 2024

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



ISO/ IEC 17025
TL 055-03

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 055-03

Textile Laboratory
Bureau Veritas Consumer Products Services Lanka (Pvt) Ltd
No. 570, Galle Road
Katubedda

Scope of Accreditation: Performing Mechanical & Chemical Testing on Textile and Textile material, Face masks and packaging material

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Chemical Testing				
01	Fabric and Garments Fiber & filaments/ Yarns & chords/ Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Toy textiles /Others	Colorfastness to Crocking	AATCC 8: 2022 CPSD-SL-10008-MTHD: V12:2023 BS EN ISO 105-X12: 2016 CPSD-SL-90105.X12-MTHD: V6:2020 AATCC 116: 2022 CPSD-SL-10116-MTHD: V11:2023	Grade 1 to 5, ±1/2
02		Colorfastness to Perspiration	AATCC 15: 2021 CPSD-SL-10015-MTHD: V15:2022 BS EN ISO 105-E04: 2013 CPSD-SL-90105.E04-MTHD: V9:2018	Grade 1 to 5, ±1/2
03		Colorfastness to Light	AATCC: 16.3: 2020 CPSD-SL-10016.3-MTHD: V10:2020 BS EN 105-B02: 2014 CPSD-SL-90105.B02-MTHD: V6:2020	Grade 1 to 5, ±1/2
04		Colorfastness to Laundering, Home and Commercial: Accelerated	AATCC 61: 2020 CPSD-SL-10061-MTHD: V19:2021 BS EN ISO 105-C06: 2010 (Except D3S, D3M) CPSD-SL-90105.C06-MTHD: V6:2022	Grade 1 to 5, ±1/2

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05	Fabric and Garments Fiber & filaments/ Yarns & chords/ Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made- ups/ Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Toy textiles /Others	Colorfastness to Sea Water	AATCC 106: 2013 CPSD-SL-10106-MTHD: V9:2022 BS EN ISO 105-E02: 2013 CPSD-SL-90105.E02-MTHD: V4:2021	Grade 1 to 5, $\pm 1/2$
06		Colorfastness to Water	AATCC 107: 2022 CPSD-SL-10107-MTHD: V13:2023 BS EN ISO 105-E01: 2013 CPSD-SL-90105.E01-MTHD: V7:2019	Grade 1 to 5, $\pm 1/2$
07		Colorfastness to Dry cleaning	AATCC 132: 2013 CPSD-SL-10132-MTHD: V8:2017 BS EN ISO 105-D01: 2010 CPSD-SL-90105.D01-MTHD: V1:2019	Grade 1 to 5, $\pm 1/2$
08		Colorfastness to Washing: Oxidative Bleach	ISO 105-C09: 2003 CPSD-SL-90105.C09-MTHD: V2:2018	Grade 1 to 5, $\pm 1/2$
09		Colorfastness to Ozone	AATCC 109:2016 CPSD-SL-10109-MTHD: V8:2022	Grade 1 to 5, $\pm 1/2$
10		Colorfastness to Hot Pressing	ISO 105-X11:1996 CPSD-SL-90105.X11-MTHD: V6:2023	Grade 1 to 5, $\pm 1/2$
11		Colorfastness to Burnt Gas Fumes	AATCC 23:2020 CPSD-SL-10023-MTHD: V12:2021	Grade 1 to 5, $\pm 1/2$
12		Resistance to Phenolic Yellowing	ISO 105-X18:2007 CPSD-SL-31035-MTHD: V10:2022	Grade 1 to 5, $\pm 1/2$
13		Colourfastness to Dye Transfer in Storage: Fabric-to-Fabric	AATCC 163: 2020 CPSD-SL-10163-MTHD: V10:2022	Grade 1 to 5, $\pm 1/2$
14		Dimensional changes in automatic home laundering Smoothness appearance of Fabrics after repeated home laundering appearance of apparel and other textile end products after repeated home laundering	AATCC 135: 2018 CPSD-SL-10135-MTHD: V16:2021 BS EN ISO 6330:2021 CPSD-SL-96330-MTHD: V8:2022 BS EN ISO 3759:2011 BS EN ISO 5077:2007 CPSD-SL-93759-MTHD: V6:2020	-20% to 20% Grade 1 to 5, $\pm 1/2$ Grade 1 to 5, $\pm 1/2$ -20% to 20%
15		Skewness change in fabric and garment twist resulting from automatic home laundering	AATCC 124: 2018 CPSD-SL-10124-MTHD: V13:2021	Grade 1 - 5
16			AATCC 143: 2018 CPSD-SL-10143-MTHD: V13:2021	Grade 1 - 5
17			AATCC 179: 2019 CPSD-SL-10179-MTHD: V13:2021	0 – 20%
18		Water Repellency: Spray Test	AATCC 22: 2017 CPSD-SL-10022-MTHD: V8:2021	Grade 0, 50, 70, 80, 90, 100
19		Vertical Wicking of textiles	AATCC 197: 2022 CPSD-SL-10197-MTHD: V7:2022	1Sec-1800Sec 1mm – 150mm
20		Absorbency	AATCC 79:2018 CPSD-SL-10079-MTHD: V10:2023	1Sec – 60Sec
21		Water Resistance: Rain Test	AATCC 35: 2018 CPSD-SL-10035-MTHD: V8:2022	0.1g to 200g
22		Fiber Analysis	AATCC 20: 2021 AATCC 20A: 2021 CPSD-SL-10020-A MTHD:V15:2023 Method 1-15 of EU 1007/2011	Up to 100%
23		Oil Repellency: Hydrocarbon Resistance Test	AATCC 118: 2020 CPSD-SL-10118-MTHD: V11:2022	Grade 0 to 8, $\pm 1/2$

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24	Fabric and Garments Fiber & filaments/ Yarns & chords/ Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Toy textiles /Others	Flammability Performance of Fabrics and Fabric assemblies used in Sleepwear and Dressing gowns	BS 5722:1991/1984* (*To assess as per BS 5438:1989/1976*) CPSD-SL-95722-MTHD: v3:2021	1 Sec to 1000 Sec
25		Burning behaviour of Children's Nightwear	BS EN 14878-2007 BS EN ISO 6941:2003 (To assess as per BS EN 1103-2005) CPSD-SL-96941-MTHD: V3:2020	1 Sec to 1000 Sec
26		Flammability of Clothing textiles	16 CFR Part 1610:2023 CPSD-SL-01610-MTHD: V30:2022	1 Sec to 100 Sec
27		Smoothness of Seams in Fabrics after repeated home launder	AATCC 88B: 2018 CPSD-SL-10088B-MTHD: V11:2021	Grade 1 to 5, $\pm 1/2$
28		Retention of Creases in fabrics after repeated home laundering	AATCC 88C: 2018 CPSD-SL-10088C-MTHD: V13:2022	Grade 1 to 5, $\pm 1/2$
29		Dimensional changes in Automatic Home Laundering of Garments	AATCC 150: 2018 CPSD-SL-10150-MTHD: V18:2021	- 20% to + 20%
30	Textile & Textile products / Toys and sports material/ Prints/ Zippers/ Paints	Free and Hydrolyzed Formaldehyde (Water Extraction Method)	BS EN ISO 14184-1:2011 CPSD-AN-00054: V36:2021	10 mg/kg to 1999 mg/kg
		Released Formaldehyde (Vapor Absorption Method)	JIS L1041 PART A JIS L1041 PART B CPSD-AN-00019: V30:2021	
			ISO 14184-2: 2011 CPSD-AN-00055: V9:2014 AATCC 112: 2020 CPSD-AN-00020: V13:2020	
31	Leather products	Formaldehyde	CPSD-AN-00060: V32:2023 ISO 17226- 1:2021 ISO 17226- 2:2021 GB/T 19941.1:2019 / GB/T 19941.2:2019	
32	Textile & Textile products / Toys and sports material/ Prints/ Zippers/ Paints	pH of Aqueous Extract	CPSD-AN-00025: V18:2023 ISO 3071:2020 AATCC 81: 2022	1pH to 14 pH
33	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Total Lead Content In Surface Coating	CPSC-CH-E1003-09.1:2011 CPSD-AN-00001: V46:2018	10mg/kg-1000 mg/kg
34		Lead in Metal and Metal Alloy components	CPSD-AN-00066: V27:2023 En 16711-1:2015	10mg/kg-1000 mg/kg
35		Lead and Cadmium content by Microwave assisted acid digestion method	ASTM E 1645(01):2021 CPSD-AN-00164: V46:2022 EN 16711-1:2015	0.5mg/kg-1000 mg/kg
36		Determining Total Cadmium content	EN 1122:2001 CPSD-AN-00004-V23:2021	10 – 500 mg/kg

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37	Metal finishing materials/ Metallic coatings/ Plating solutions/ Prints / Paints/Wood coatings / Coating of materials	Total Lead in Children Metal Products (Including Children Metal Jewelry)	CPSC-CH-E1001-08.3:2012 CPSD-AN-00066: V27:2023	10 mg/kg to 5000 mg/kg
38		Total Lead in Non-Metal – Children Products	CPSC-CH-E1002-08.3:2012 CPSD-AN-00164: V46:2022 CPSD-AN-00001: V46:2018	10 mg/kg - 5000mg/kg
39	Metal finishing materials/ Metallic coatings/ Plating solutions/ Prints / Paints/Wood coatings / Coating of materials	Nickel Release	CPSD-AN-00542: V20:2022 BS EN 1811:2011+A1:2015 BS EN 12472:2020	0.02 µg/cm ² /week to 100µg/cm ² /week
40		Determining Total Cadmium Content	EN 16711.1:2015 CPSD-AN-00066-V27:2023	(10 to 500) mg/kg
41	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints	Determination of Banned Aryl Amines (Azo dyes) in Textile O- Toluidine 2,4- Xylidine 2,6 –Xylidine 2- Methoxyaniline p-Chloroaniline p-Cresidine 2,4,5- Trimethylaniline 4- Chloro-o-Toluidine 2,4- Touylenediamine 2,4- Diaminoanisole 2-Naphthylamine	CPSD-AN-00607:V32:2021 EN ISO 14362-1:2017 CPSD-AN-00272:V26:2018 GB/T 17592:2011 CPSD-AN-00107:V40:2021 64 LFGB B 82.02-9:2014 GB/T 23344-2009 DIN EN 14362-3:2017	5 mg/kg to 2000 mg/kg
41	Leather products	2-Amino-4 nitrotoluene 4-aminoazobenzene 4-Aminodiphenyl 4,4- Oxydianiline Benzidine 4,4- Diaminodiphenylmethane O-aminoazotoluene 3,3-Dimethyl-4,4- diaminodiphenylmethane 3,3-Dimethylbenzidine 4,4-Thiodianiline 3,3-Dichlorobenzidine 4,4-Methylene-bis-(2- Chloroaniline) 3,3-Dimethoxybenzidine A niline 1,4-phenylenediamine	CPSD-AN-00017:V36:2023 ISO 17234-1:202020 ISO 17234-2:2011	
42	MRS� chemical / Other		CPSD-AN-00739:V3:2019	
43	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Determination of Disperse Dyes Disperse blue 1 Disperse blue 3 Disperse blue 7 Disperse blue 26 Disperse blue 35A Disperse blue 35B Disperse blue 35C Disperse blue 102 Disperse blue 106 Disperse blue 124 Disperse brown 1 Disperse orange 11 Disperse orange 3	CPSC-AN-00048: V51:2023 DIN 54231: 2022 64 LFGB 82.02.10:2007	0.5 mg/kg to 500 mg/kg
44	MRS� chemicals		CPSD-AN-00757: V4:2019	

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43 contd	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Determination of Disperse Dyes contd Disperse Orange 1 Disperse Orange 37/59/76 Disperse Red 1 Disperse Red 11 Disperse Red 17 Disperse Red 151 Disperse yellow 1 Disperse yellow 3 Disperse yellow 9 Disperse yellow 39A Disperse yellow 39B Disperse yellow 49 Disperse yellow 23 Disperse yellow 56 Basic Violet 14 Basic Violet 3 Basic Violet 1 Solvent Yellow- 1 Solvent Yellow 2 Solvent Yellow 3 Solvent Red 23 Disperse Yellow 7 Disperse orange 149 Basic Red 9 Quinolin Basic Blue 26 Basic Green 4	CPSD-AN-00048: V51:2023 DIN 54231: 2022 64 LFGB 82.02.10:2007	0.5 mg/kg to 500 mg/kg
44 contd	MRSL chemical		CPSD-AN-00757: V4:2019	
45	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints/ Leather products	Determination of Carcinogenic Dyes Acid red 26 Direct black 38 Direct red 28 Direct blue 6 Direct Brown 95 Acid Violet 49 Navy Blue Acid Red 114 Direct Blue 15 Direct Blue 14 Acid Red 14 Direct Yellow 1	CPSD-AN-00049: V30:2023 DIN 54231: 2022 64 LFGB 82.02-10:2007	0.5 mg/kg to 500 mg/kg
46	MRSL chemical		CPSD-AN-00757: V4:2019	
47	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints	Determination of Chlorophenols Penta Chlorophenol 2,3,4,5 TetraChlorophenol 2,3,5,6 Tetrachlorophenol 2,3,4,6 Tetrachlorophenol Orthophenylphenol 2,4,6-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 3,4,5-Trichlorophenol 2,3,4-Trichlorophenol 2,4,5-Trichlorophenol 2-Chlorophenol 3-Chlorophenol	CPSD-AN-00094: V14:2019 DIN 53313-1996-02 DD CEN/TS 14494: 2003	0.025 mg/kg to 300 mg/Kg
48	Leather products		CPSD-AN-00093: V19:2023	
49	MRSL chemical		CPSD-AN-00740: V4:2022	

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47 contd	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Prints/ Zippers/ Paints	Determination of Chlorophenols contd 4-Chlorophenol 2,3-Dichlorophenol 3,4-Dichlorophenol 3,5-Dichlorophenol 2,6-Dimethylphenol 4-Phenylphenol 2,4,6-Tribromophenol 4-Chloro-3-methylphenol o-Cresol m-Cresol p-Cresol	CPSD-AN-00094: V14:2019	0.025 mg/kg to 300 mg/Kg
48 contd	Leather products		DIN 53313-1996-02 DD CEN/TS 14494: 2003	
49 contd	MRSL chemical		CPSD-AN-00093: V19:2023	
50	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints/ Other	PVC identification	CPSD-AN-00023: V7:2013	Qualitative
51	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Octylphenoethoxylates (OPEO 2 to OPEO 16) 4-n Nonylphenoethoxylates (NPEO 2 to NPEO 18) n-Octylphenol (OPs) tert-4--Octylphenol (t-4-OPs) 4-n-Nonylphenol (4-NPs) Nonyl phenol(Nps)	CPSD-AN-000735:V24:2023 ISO 18254-1:2016 ISO 21084:2019	NPEO & OPEO: 5 mg/kg to 500mg/kg
52	MRSL chemical		CPSD-AN-00745:V4:2022	OP & NP: 5 mg/kg to 500mg/kg
53	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Oraganotin Compounds Tri methyl ethyltin Dimethyl diethyltin Methyl tri ethyltin Tetra ethyltin Dipropyl diethyltin Monobutyl triethyltin Tripropyl monoethyltin Dibutyl diethyltin tributyl monoethyltin Tetrabutyltin Monooctyl triethyltin Phenyl tri ethyltin Dioctyl diethyltin Diphenyl diethyltin Triphenyl monoethyltin Tricyclohexyl monoethyltin Tri octyl monoethyltin Tetra octyltin	CPSD-AN-00089: V33:2020	0.025 mg/kg to 50 mg/ kg
54	MRSL chemical		CPSD-AN-00692: V11:2020 ISO 16179:2012 ISO 22744-1:2020	
55	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Determination of Phthalates Di-n Butyl phthalate Benzyl Butyl Phthalate Di -n-Octylphthalate Di- Ethylhexylphthalate Di- iso decyl phthalate Di-n-hexyl phthalate	CPSD-AN-00095: V55:2022 CPSD-AN-00143: V37:2022 BS EN 71-5:2015 CPSC-CH-C1001-09.4:2018	5 mg/kg to 5000 mg/kg
56	MRSL chemicals		CPSD-AN-00753: V7:2023 BS EN ISO 14389:2022 (Mod) H&MZ-AN-00001-MTHD CPSD-AN-00741-V4:2019	

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55 contd	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Determination of Phthalates Di iso butyl phthalate DiCyclohexylphthalate Di-Methoxyethylphthalate Di ethyl Phthalate Dimethyl phthalate Di-iso Nonyl Phthalate Di n propyl phthalate Di nonyl phthalate Di iso Octyl phthalate n-pentyl iso-pentyl phthalate Di-n-pentyl phthalate	CPSD-AN-00095: V55:2022 CPSD-AN-00143: V37:2022 BS EN 71-5:2015 CPSC-CH-C1001-09.4:2018 CPSD-AN-00753: V7:2023 BS EN ISO 14389:2022 (Mod) H&MZ-AN-00001-MTHD	5 mg/kg to 5000 mg/kg
56 contd	MRSL chemicals	1,2-benzenedicarboxylic acid, di-C6,8-branched alkyl esters, C7 rich Diundecyl phthalate	CPSD-AN-00741-V4:2019	
57	Textile & Textile products / Toys and sports material/ Plastics and other polymeric products/ Leather products/ Prints/ Zippers/ Paints	Chlorinate Organic Carriers 2-Chlorotoluene 3-Chlorotoluene 4-Chlorotoluene 2,4-Dichlorotoluene 2,5-Dichlorotoluene 2,6-Dichlorotoluene 2,3-Dichlorotoluene 3,4-Dichlorotoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2,4,5-Tetrachlorobenzene 1,2,3,5-Tetrachlorobenzene 2,3,6-Trichlorotoluene 2,4,5-Trichlorotoluene Pentachlorotoluene 1,2-Dichlorobenzene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,3,5-Trichlorobenzene 1,2,3,4-Tetrachlorobenzene Pentachlorobenzene Hexachlorobenzene Chlorobenzene α,α,α -Trichlorotoluene $\alpha,2,6$ -Trichlorotoluene $\alpha,2,4$ -Trichlorotoluene $\alpha,3,4$ -Trichlorotoluene α,α,α -2-Tetrachlorotoluene α,α,α -4-Tetrachlorotoluene $\alpha,\alpha,2,6$ -Tetrachlorotoluene	CPSD-AN-00043: V29:2023 EN 17137: 2018	
58	MRSL chemicals		CPSD-AN-00744: V3:2019	0.1 mg/kg to 100 mg/kg

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63	Textile, Plastic and Synthetic materials	<u>Glycol in Textile</u> (In-house method) EGDME EGME MXPL EGEE EG EGDE EGMEA 2MEPA 2EEA BMEE TRIGLYME	CPSD-AN-00822: V5:2023	3 – 1000 mg/kg
64		<u>UV inhibitors in Plastic</u> (In-house method) UV-P UV-320 UV-350 UV-328 UV-327	CPSD-AN-00845: V3:2022	1 – 1000 mg/kg
65		<u>Cyclosiloxane in Textile</u> (In-house method) OMCTS DMCTS DDMCTS	CPSD-AN-00167:V6: 2018	5 – 1000 mg/kg

Mechanical Testing

01	Fabric and Garments Fiber & filaments/Yarns & chords/ Grey Fabrics/ Finished fabric/Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/	Tearing strength of fabrics by Falling-pendulum type (Elmendorf) apparatus	ASTM D 1424 :21 CPSD-SL-21424-MTHD:V12:2022 BS EN ISO 13937-1: 2000 CPSD-SL-99371.1-MTHD:V4:2022	2N – 60N (0.4 – 13.0 lb)
02	Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/Sports textiles/	Tearing strength of fabrics by the Tongue (single rip) Procedure (C-R-E principle)	ASTM D 2261: 2017e1 CPSD-SL-22261-MTHD:V11:2022	10N-4.5kN (1Kg-450Kg) (2lb-900lb)
03	Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Toy textiles /Others	Breaking Strength (Grab Test)	ASTM D 5034: 2021 CPSD-SL-25034-MTHD:V12:2022 ISO 13934-2:2014 CPSD-SL-99342-MTHD:V5:2022	50N-4500N (10lb – 900lb)
04	Fabric and Garments Fiber & filaments/Yarns & chords/ Grey Fabrics/ Finished fabric/Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/Geo-textiles/	Max. Force (Strip test)	BS EN ISO 13934-1: 2013 CPSD-SL-93934.1-MTHD: V5:2022	50N-4500N (5kg-450kg)
05	Medical textile/ Automotive textiles/Protective textiles/Sports textiles/ Packaging textiles/Industrial textiles/Domestic textiles/ Agro-textiles/ Toy textiles /Others	Max. Force to Seam Rupture using the Grab Method	BS EN ISO 13935-2: 2014 CPSD-SL-99352-MTHD:V3:2014	50N-4500N (5kg-450kg)

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08		Warp (End) & Filling (Pick) Count of Woven Fabric	ASTM D 3775: 2017e1 CPSD-SL-23775-MTHD:V9:2020	10-50 per cm (25-250/inch)
10		Mass Per Unit Area (Weight) of Fabric	ASTM D3776/D3776M-20 ASTM D 3776:M-09a Option C and D CPSD-SL-23776-MTHD:V22:2022	20GSM-700GSM
11		Pilling Resistance and other related surface changes of textile fabrics (Elastomeric Pad method)	ASTM D3514/D3514M:2020 CPSD-SL-23514-MTHD:V22:2022	Grade 1 - 5
12		Pilling Resistance and Other Related Surface Changes (Random Tumble Pilling Tester)	ASTM D 3512M / D 3512M-2022 CPSD-SL-23512-MTHD:V19:2022	Grade 1-5
13		Fabric propensity to surface fuzzing and to Pilling (Pilling box method)	BS EN ISO 12945-1:2020 CPSD-SL-92945.1-MTHD:V6:2022	Grade 1-5
14		Fabric propensity to surface fuzzing and to pilling (Modified Martindale method)	BS EN ISO 12945-2:2020 CPSD-SL-92945.2-MTHD:V5:2021	Grade1 to 5
15		Abrasion resistance (Martindale method) Part – 2: Determination of Specimen breakdown	BS EN ISO 12947-2: 2016 CPSD-SL-92947-MTHD:V8:2023	1000 to 60,000 Cycles
16		Stretch Properties of knitted Fabrics Having Low Power	ASTM D2594/D2594M: 2021 CPSD-SL-22594-MTHD:V12:2021	(Growth) Upto 100%
17		Stretch Properties of fabrics Woven from Stretch yarn	ASTM D3107: 2019 CPSD-SL-23107-MTHD:V13:2021	(Growth) Upto 100%
18		Determination of the elasticity of fabrics. Strip tests	ISO20932-1:2018/AMD 1:2021 CPSD-SL-97041-MTHD:V3:2023	(Elongation) Upto 150%
19		Bow and Skew in Woven and knitted Fabrics	ASTM D 3882-20 CPSD-SL-23882-MTHD:V9:2020	Upto 45%
20		Hydraulic Bursting Strength of knitted Goods and Non-woven Fabrics (Diaphragm Bursting Strength Tester Method)	ASTM D 3786 / D 3786M: 2018 CPSD-SL-23786-MTHD:V19:2022	35 kPa-1378 kPa (5psi-200psi)
21		Strength Tests for Zippers	ASTM D 2061:21 CPSD-SL-22061-MTHD:V7:2021 BS 3084: 2006 BS EN 16732:2015 CPSD-SL-93084-MTHD:V3:2023	50N-4500N (10lb-900lb)

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22	Fabric and Garments Fiber & filaments/ Yarns & chords/ Grey Fabrics/ Finished fabric/ Apparels/ Garments/ Made-ups/ Terry Fabrics & its products/ Technical textiles/ Geo-textiles/ Medical textile/ Automotive textiles/ Protective textiles/Sports textiles/ Packaging textiles/ Industrial textiles/ Domestic textiles/ Agro-textiles/ Toy textiles /Others	Impact Resistance of Plastic Sew-through Flange Buttons	ASTM D 5171: 20 CPSD-SL-25171-MTHD:V6:2021	Qualitative
23		Tension test in Buttons	BS 4162: 1983 Clause 4.5.1 (Re-approved 2013)	10N-1000N (1Kg-1Kg)
24		(i) Small parts test	16 CFR 1501-2023 ASTM F963-2023 (Clause 4.6) EN 71 Part 1 :2014 +A1 :2018, Section – 8.2 AS/NZS ISO 8124-1 :2023	Qualitative
		(ii) Sharp points [under a force of 4.45 N (1 pound)]	16 CFR 1500.48-2023 EN 71 Part 1 :2014 +A1 :2018 Section – 8.12 AS/NZS ISO 8124-1 :2023 ASTM F963-2023	Qualitative
		(iii) Sharp edges [under a force of 8.9 N (2 pounds)]	16 CFR 1500.49-2023 EN 71 Part 1 :2014 +A1 :2018, Section – 8.11 AS/NZS ISO 8124-1 :2023 ASTM F963-2023	Qualitative
		(iv) Torque test [up to 8 kgf-cm]	16 CFR 1500.50-2023 16 CFR 1500.51-53 (Part e): 2023 EN 71 Part 1 :2014 +A1 :2018, Section – 8.3 AS/NZS ISO 8124-1 :2023 ASTM F963-2023	Qualitative
		(v) Tension test [up to 100 N]	16 CFR 1500.50-2023 16 CFR 1500.51-53 (Part f): 2023 EN 71 Part 1 :2014 +A1 :2018, Section – 8.4 CPSD-SL-01500-MTHD:V16:2022 AS/NZS ISO 8124-1 :2023 ASTM F963-2023	Qualitative
25			Removal force of attached components	BS 7907:2007-Annex B
26	Textiles – Fabric / Garment	Water vapor transmission (Water Method)	ASTM E96/E96M-22	400-5000 g/m ² /24hr
27	Face Mask (Medical and Non-medical)	Differencial Pressure	ASTM F2100 – 2023 (Specification) EN 14683: 2019 Annexure C (Test method)	1 – 800 Pa/cm ²
28		Flame Spread	ASTM F2100 – 2023(Specification) 16 CFR 1610: 2023 1610:2023 (Test method)	1-100 Sec
29		Particle Filtration Efficiency (PFE)	ASTM F2299/F2299M-17	10%-100%
30		Resistance against penetration by synthetic blood (Splash resistance)	ISO 22609:2004	Qualitative

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Toy / Hardline tests				
3.1	Toys/ Garments/ Garment Accessories	Safety of toys mechanical and physical properties:	BS EN 71-1:2014+A1:2018	
		General requirements		
		Material cleanliness	4.1	Qualitative
		Assembly	4.2	
		Flexible plastic sheeting	4.3	
		Toy bags	4.4	
		Glass	4.5	
		Expanding materials	4.6	
		Edges	4.7	
		Points and metallic wires	4.8	
		Protruding parts	4.9	
		Parts moving against each other	4.10 < Excluding the following > 4.10.1	
		Mouth-actuated toys and other toys intended to be put in the mouth	4.11 < Excluding the following > 4.11(c) and 4.11(e)	
		Balloons	4.12	
		Enclosures	4.14 <Excluding > (4.14.1-(c))	
		Toys intended to bear the mass of a child	4.15 <Excluding > (4.15.1.3-4.15.5.4)	
		Heavy immobile toys	4.16	
		Projectile toys	4.17 <Excluding > (4.17.3-4)	
		Aquatic toys and inflatable toys	4.18	
		Percussion caps specifically designed for in toys and toys using percussion caps	4.19	
Toys containing a non-electrical heat source	4.21			
Small balls	4.22			
Magnets	4.23 <Excluding > (4.23.1-2(a))			
Yo-yo balls	4.24			
Toys attached to food	4.25			
Flying toys	4.27			

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Toy / Hardline tests				
3.2	Toys/ Garments/ Garment Accessories	Toys intended for children under 36 months:		
		General requirements	5.1	Qualitative
		Soft-filled toys and soft-filled parts of a toy	5.2	
		Plastic sheeting	5.3	
		Cords, chains and electric cables in toys	5.4	
		Glass and porcelain	5.7	
		Shape and size of certain toys	5.8	
		Toys comprising monofilament fibres	5.9	
		Small balls	5.10	
		Play Figure	5.11	
		Hemispheric-shaped toys	5.12	
		Suction cups	5.13	
		Straps intended to be worn fully or partially around the neck	5.14	
		Sledges with cords for pulling	5.15	
		Packaging	6	
		Warning and instructions for use	7	
		Test methods	8	
		General requirements for testing	8.1	
		Small parts	8.2	
		Torque	8.3	0-5 lbf.in
		Tension	8.4	0- 200 N
		Drop test	8.5	Qualitative
		Tip over test	8.6	
		Impact test	8.7	
		Compression	8.8	0-200 N
		Soaking test	8.9	Qualitative
		Accessibility of a part or component	8.10	
		Sharpness of edges	8.11	
		Sharp point	8.12	
		Flexibility of wires	8.13	
		Expanding materials	8.14	
		Geometric shape of certain toys	8.16	
Cords cross-sectional dimension	8.20	(0-1.5) mm		
Film thickness	8.25	(0-0.038) mm		
Measurement of temperature rises	8.30	Qualitative		
Small balls and suction cups test	8.32			
Test for play figures	8.33			
Tension test for magnets	8.34.1 < Excluding > (8.34.2 and 8.34.3)			

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
3.2	Toys/ Garments/ Garment Accessories	Toys intended for children under 36 months contd.:		
		Perimeter of cords and chains	8.36	Qualitative
		Yo-yo balls measurements	8.37	
		Breakaway feature separation test	8.38	
		Self-retracting cords	8.39	
		Length of cords, chains & electrical cables	8.40	(0-800) mm
		Assessment of the tangle potential of two cords or chains	8.41	Qualitative
		Length of suction cup projectiles	8.44	
3.3	Toys/ Garments/ Garment Accessories	Physical and mechanical tests;	ASTM F963-2023	Qualitative
		Material Quality (Visual Inspection)	4.1	
		Small objects	4.6	
		Accessible edges	4.7	
		Projections	4.8	
		Accessible points	4.9	
		Wires or rods	4.10	
		Nails and fasteners	4.11	
		Plastic film	4.12	
		Folding mechanisms and hinges	4.13	
		Cords, straps, and elastics	4.14	
		Confined spaces	4.16	
		Wheels, tires and axles	4.17	
		Holes, clearance and accessibility of mechanisms	4.18	
		Simulated protective devices	4.19	
		Pacifiers	4.20 <Excluding>4.20.1	
		Projectile Toys	4.21<Excluding>4.21.2.2-4.21.3.4	
		Teethers and teething toys	4.22	
		Rattles	4.23	
		Squeeze toys	4.24	
		Toys intended to be attached to a crib or playpen	4.26	
		Stuffed and beanbag-type toys	4.27	
		Stroller and carriage toys	4.28	
		Art Materials	4.29	
		Toy Gun Marking	4.30	
		Balloons	4.31	
Certain toys with spherical ends	4.32			
Marbles	4.33			
Balls	4.34			
Pompoms	4.35			
Hemispheric-shaped objects	4.36			
Expanding Materials	4.40			

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection	
3.3	Toys/ Garments/ Garment Accessories	Physical and mechanical tests contd.;	ASTM F963-2023	Qualitative	
		Labeling requirements	5		
		Instructional literature	6		
		Producer's markings	7		
		Test methods	8		
		General	8.1		
		Normal Use Testing	8.5		
		Abuse testing	8.6		
		Impact Tests	8.7		
		Torque Tests for Removal of Components	8.8		0-5 lbf.in
		Tension Test for Removal of Components	8.9		0- 200 N
		Compression Test	8.10		0-200 N
		Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal	8.11		Qualitative
		Flexure Test	8.12		Qualitative
		Projectiles	8.14 <Excluding>8.14.5 - 7		
		Pompoms	8.16		
		Packaging Film Thickness	8.22	0-0.038mm	
		Test for Loops and Cords	8.23	0-800mm	
		Magnet Test Methods	8.25<Excluding>8.25.1-3/ 8.25.4.2	Qualitative	
		Test Methods for Locking Mechanisms or Other Means:	8.26		
Stuffing material evaluation	8.29				
Expanding Materials	8.30				
3.4	Toys/ Garments/ Garment Accessories	Physical and mechanical tests;	AS/NZS ISO 8124-1: 2023 (ISO 8124-1: 2023)		
		Normal use	4.1 (5.1 to 5.24)		
		Reasonably foreseeable abuse	4.2 (5.24)		
		Material	4.3		
		Small parts	4.4		
		Shape, size and strength of certain toys	4.5		
		Edges	4.6		
		Points	4.7		
		Projections	4.8		
		Metal wires and rods	4.9		
		Plastic film or plastic bags in packaging and in toys	4.10		
		Cords and elastics	4.11		
		Folding mechanisms	4.12<Excluding>4.12.1 & 4.12.2		

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection	
3.4	Toys/ Garments/ Garment Accessories	Physical and mechanical tests; contd	AS/NZS ISO 8124-1: 2023 (ISO 8124-1: 2023)	Qualitative	
		Holes, clearances and accessibility of mechanisms	4.13		
		Springs	4.14		
		Enclosures	4.16 <Excluding>4.16.2		
		Simulated protective equipment, such as helmets, hats and goggles	4.17		
		Projectile toys	4.18<Excluding>4.18.2-4.18.4		
		Rotors and propellers	4.19		
		Aquatic toys	4.20		
		Toys containing a heat source	4.24		
		Mouth-actuated toys	4.26 <Excluding>4.26 (c)		
		Toy roller skates, toy inline skates and toy skateboards	4.27		
		Percussion caps specifically designed for use in toys	4.28		
		Magnets and magnetic components	4.31<Excluding>4.31.1-2 (a)&(c)		
		Yo-yo balls	4.32		
		Straps intended to be worn fully or partially around the neck	4.33		
		Sledges and toboggans with cords for pulling	4.34		
		General requirements	5.1		
		Small Parts	5.2		
		Test for Shape and Size of certain toys	5.3		
		Small balls test	5.4		
		Test for pompoms	5.5		
		Test for pre-school play figures	5.6		
		Accessibility of a part or component	5.7		
		Sharp edge	5.8		
		Sharp point	5.9		
		Determination of thickness of plastic film and sheeting	5.10		(0-0.038) mm
		Test for cords	5.11		(0-800) mm
		Impact test for toys that cover the face	5.14	Qualitative	
		Expanding materials	5.21		
		Washable toys	5.23		
		Reasonably foreseeable abuse tests	5.24		
		General	5.24.1		
Drop test	5.24.2				
Tip-over test for large and bulky toys	5.24.3				
Torque test	5.24.5	0-5 lbf.in			

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
3.4	Toys/ Garments/ Garment Accessories	Physical and mechanical tests contd.;	AS/NZS ISO 8124-1: 2023 (ISO 8124-1: 2023)	Qualitative
		Tension test	5.24.6	0- 200 N
		Compression test	5.24.7	0-200 N
		Flexure test	5.24.8	Qualitative
		Determination of temperature increases	5.18	
		Impact test for magnets	5.33	
		Soaking test for magnets	5.34	
		Determination of projectile range	5.35	
		Tip assessment of rigid projectiles	5.36	
		Length of suction cup projectiles	5.37	
		Yo-yo ball measurements	5.38	
		Safety-labelling guidelines and manufacturer's markings	Annex B	
3.5		Physical and mechanical tests	16 CFR 1500.00:2023	
		Technical requirements for determining a sharp point	ASTM F 963-2023(16 CFR 1500.48)	
		Technical requirements for determining a sharp metal or glass edge	ASTM F 963-2023(16 CFR 1500.49)	
		Test methods for simulating use and abuse of toys intended for use by children	ASTM F 963-2023 (16 CFR 1500.50, 1500.51, 1500.52 and 1500.53)	
		Impact test	8.7	
		Flexure test	8.12	
		Torque test for removal of component	ASTM F 963-2023(16 CFR 1500.50, 1500.51, 1500.52 and 1500.53)	0-5 lbf.in
		Tension test for removal of component	8.9	0- 200 N
		Compression test	8.10	0-200 N
		Method for identifying choking, aspiration, or ingestion hazards because of small parts	ASTM F 963-2023 16 CFR 1501 in conjunction with test methods specified in 16 CFR 1500.51 or 16 CFR 1500.52 [excluding bite test to 1500.51(c) or 1500.52 (c)]	0.5 lbf.in
		Flammability tests;	ASTM F 963-2023 (16 CFR Parts 1610 and 1500.44) Fabric: Annex A6 Ref. ASTM F 963-2023 4.2 Solid: Annex A	3.5 – 7.0sec 0 – 0.1 inch/sec
			AS/NZS ISO 8124-2: 2016 (ISO 8124-2: 2014) Excluding for the above standards tests for flammable gases and flammable gels.	0 – 30 mm/sec
			BS EN 71-2: 2020 Excluding for the above standard tests for flammable gases and flammable gels.	0 – 30 mm/sec
3.6		Determination of thickness by mechanical scanning	ISO 4593:1993	0 – 10 mm

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