

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### PCD 29 : Methods of Test for Rubber and Rubber Products

Scope: To formulate Indian Standards for methods of sampling and test of rubber and rubber products.

Liaison: **ISO TC-45 SC-2 (P): Testing and analysis** **ISO TC-45 SC-2 (P): Testing and analysis**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10016 (Part 2):1984	Methods of test for polybutadiene rubbers: Part 2 determination of ash	January, 2019	-	Indigenous
2	IS 10016 (Part 4):1984	Methods of test for polybutadiene rubbers: Part 4 determination of cis, trans and vinyl structure	July, 2024	-	Indigenous
3	IS 10016 (Part 6):2000 <b>ISO 2476:2014</b>	Methods of test for polybutadiene rubbers: Part 6 evaluation of vulcanization characteristics of polybutadiene rubbers (Br : 2)	July, 2024	-	Not Equivalent
4	IS 10016 (Part 1):1981  Reaffirmed but not taken up for revision	Methods of test for polybutadiene rubbers: Part 1 method of taking out test portions from sample bales	January, 2019	-	Indigenous
5	IS 10016 (Part 5):1981  Reaffirmed but not taken up for revision	Methods of test for polybutadiene rubbers: Part 5 determination of gel content	January, 2019	-	Indigenous
6	IS 11720 (Part 11):2001 ISO 7781 <b>ISO 7781</b>	Methods of test for synthetic rubber: Part 11 rubber, raw styrene - Butadiene - Determination of soap and organic - Acid content	July, 2024	-	Identical under dual numbering
7	IS 11720 (Part 13):2001 <b>ASTM D 3616:1995</b>	Methods of test for synthetic rubber: Part 13 determination of gel content	July, 2024	-	Not Equivalent
8	IS 11720 (Part 3):1993 <b>ISO 289-1:2015</b>	Methods of test for synthetic rubber: Part 3 determination of mooney viscosity	July, 2024	-	Not Equivalent
9	IS 11720 (Part 4):1993 <b>ISO 248-1:2011</b>	Methods of test for synthetic rubber: Part 4 determination of volatile matter	July, 2024	-	Not Equivalent
10	IS 11720 (Part 5):1993 <b>ISO 247:2006</b>	Methods of test for synthetic rubber: Part 5 determination of ash	July, 2024	-	Not Equivalent

11	IS 11720 (Part 6):2001 ISO 1407:2011	Methods of test for synthetic rubber: Part 6 determination of solvent extract	July, 2024	-	Not Equivalent
12	IS 11720 (Part 1):1986  Reaffirmed but not taken up for revision ASTM D 1416:1983	Methods of test for synthetic rubber: Part 1 determination of antioxidants	September, 2020	1	Not Equivalent
13	IS 13867:2021 ISO 23529:2016	Rubber - General Procedures for Preparing and Conditioning Test Pieces for Physical Test Methods ( First Revision )		-	Identical under dual numbering
14	IS 14788:2025 ISO 2322 : 2023 ISO 2322 : 2023	STYRENE-BUTADIENE RUBBER (SBR) EMULSION AND SOLUTION-POLYMERIZED TYPES -EVALUATION PROCEDURES ( Second Revision )		-	Identical under dual numbering
15	IS 14794:2022 ISO 2302:2020 ISO 2302:2020	ISOBUTENE-ISOPRENE RUBBER IIR EVALUATION PROCEDURES Third Revision		-	Identical under dual numbering
16	IS 15076:2018 ISO 2475:2011 ISO 2475:2011	Chloroprene Rubber CR - General Purpose Types Evaluation Procedure First Revision	March, 2024	-	Identical under dual numbering
17	IS 16705:2025 ISO/TS 16095 : 2021 ISO/TS 16095 : 2021	RECLAIMED RUBBER DERIVED FROM PRODUCTS CONTAINING MAINLY NATURAL RUBBER EVALUATION PROCEDURE (First Revision)		-	Identical under dual numbering
18	IS 16713:2025 ISO/TS 16096 : 2021 ISO/TS 16096 : 2021	RECLAIMED ISOBUTENE-ISOPRENE IIR RUBBER EVALUATION PROCEDURE ( First Revision)		-	Identical under dual numbering
19	IS 16751:2018 ISO 9691 : 1992 ISO 9691:1992	Rubber - Recommendations for the workmanship of pipe joint rings - Description and classification of imperfections	July, 2024	-	Identical under dual numbering
20	IS 16752:2018 ISO 3302-1 : 2014 ISO 3302-1:2014	Rubber - Tolerances for products - Dimensional tolerances	July, 2024	-	Identical under dual numbering
21	IS 16774:2018 ISO 2439 : 2008 ISO 2439:2008	Flexible cellular polymeric materials - Determination of hardness (Indentation Technique)	July, 2024	-	Identical under dual numbering
22	IS 16801:2018 ISO 4650 : 2012 ISO 4650:2012	Rubber - Identification - Infrared spectrometric methods	March, 2024	-	Identical under dual numbering
23	IS 16848 (Part 1/Section 1):2024 6502-1: 2018 6502-1: 2018	Rubber $i_c$ $\frac{1}{2}$ Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 1 Introduction		-	Identical under dual numbering
24	IS 16848 (Part 1/Section 2):2024 6502-2:2018 6502-2:2018	Rubber $i_c$ $\frac{1}{2}$ Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 2 Oscillating disc curemeter		-	Identical under dual numbering
25	IS 16848 (Part 1/Section 2):2024	Rubber $i_c$ $\frac{1}{2}$ Methods of Test Part 1		-	Identical under dual

	3):2024 ISO 6502-3:2023 ISO 6502-3:2023	Measurement of vulcanization characteristics using curemeters Section 3 Rotorless curemeter			numbering
26	IS 16848 (Part 2):2024	Rubber $i_c^{1/2}$ Methods of Test Part 2 Determination of styrene content $i_c^{1/2}$ Nitration method		-	Indigenous
27	IS 17115:2019 ISO 3385 : 2014 ISO 3385:2014	Flexible cellular polymeric materials - Determination of fatigue by constant - Load pounding	March, 2024	-	Identical under dual numbering
28	IS 17159:2019 ISO 6605 : 2017 ISO 6605:2017	Hydraulic fluid power - Hoses and hose assemblies - Test methods	March, 2024	-	Identical under dual numbering
29	IS 17160:2019 ISO 9298 : 2017 ISO 9298:2017	Rubber compounding ingredients - Zinc oxide - Test methods	March, 2024	-	Identical under dual numbering
30	IS 3400 (Part 11):2021 ISO 4662:1978	Methods of Test for Vulcanized Rubber Part 11 Determination of Rebound Resilience (Second Revision)	-	-	Not Equivalent
31	IS 3400:2021 ISO 37 : 2017 ISO 37 : 2017	Methods of Test for Vulcanized Rubber Part 1 Tensile Stress-Strain Properties		-	Identical under dual numbering
32	IS 3400 (Part 16):1974  Reaffirmed but not taken up for revision ASTM D 1052	Methods of test for vulcanized rubbers: Part xvi measurement of cut growth of rubber by the use of the ross flexing machine	July, 2024	-	Not Equivalent
33	IS 3400 (Part 19):2020 ISO 2782-1 : 2016 ISO 2782-1:2016	Methods of Test for Vulcanized Rubbers Part 19 Permeability to Gases ( Constant Volume Method ) ( First Revision )	July, 2024	-	Identical under dual numbering
34	IS 3400 (Part 21):2020 ISO 2782-2 : 2018 ISO 2782-2:2018	Methods of Test for Vulcanized Rubbers Part 21 Permeability to Gases — Constant Pressure Method ( First Revision )	July, 2024	-	Identical under dual numbering
35	IS 3400 (Part 22):1984  Reaffirmed but not taken up for revision ASTM D 297	Methods of test for vulcanized rubber: Part 22 chemical analysis	January, 2019	-	Not Equivalent
36	IS 3400 (Part 4):2012 ISO 188 : 2011 ISO 188 : 2011	Methods of test for vulcanized rubber: Part 4 accelerated ageing and heat resistance (Third Revision)	July, 2024	-	Identical under dual numbering
37	IS 3400 (Part 6):2018 ISO 1817 : 2015 ISO 1817:2015	Methods of Test for Vulcanized Rubbers Part 6 Determination of the Effect of Liquids (Fourth Revision)	July, 2024	-	Identical under dual numbering
38	IS 3400 (Part 9):2020 ISO 2781 : 2018 ISO 2781:2018	Methods of Test for Vulcanized Rubber Part 9 Rubber, Vulcanized or Thermoplastic — Determination of Density ( Fourth Revision )	July, 2024	-	Identical under dual numbering
39	IS 3400 (Part 2):2023 ISO 48-2:2018 ISO 48-2:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF		-	Identical under dual numbering

		HARDNESS SECTION 2 HARDNESS BETWEEN 10 IRHD AND 100 IRHD ( Fifth Revision )			
40	IS 3400 (Part 13):2021 ISO 2285 :2013 ISO 2285 :2013	Methods of test for vulcanized rubbers: Part 13 Tension Set Second Revision		-	Identical under dual numbering
41	IS 3400 (Part 27):2019 ISO 1431-3 : 2007 ISO 1431-3:2017	Methods of test for vulcanized rubbers: Part 27 resistance to ozone cracking - Reference and alternative methods for determining the ozone concentration in laboratory test chambers	March, 2024	-	Identical under dual numbering
42	IS 3400 (Part 2/Sec 6):2023 ISO 48-6:2018 ISO 48-6:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 6 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY IRHD METHOD		-	Identical under dual numbering
43	IS 3400 (Part 23/Sec 2):2018 ISO 7619-2 : 2010 ISO 7619-2:2010	Methods of test for vulcanized rubbers: Part 23 rubber - Determination of indentation hardness by means of pocket hardness meters section 2 irhd pocket meter method (First Revision)		-	Identical under dual numbering
44	IS 3400 (Part 14/Sec 3):2020 ISO 5600 : 2017 ISO 5600 :2017	Methods of Test for Vulcanized Rubbers Part 14 Adhesion of Rubber to Rigid Material Section 3 Using conical shaped parts ( Second Revision )	July, 2024	-	Identical under dual numbering
45	IS 3400 (Part 2/Sec 7):2022 ISO 48-7:2018 ISO 48-7:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 7 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY SHORE-TYPE DUROMETER METHOD		-	Identical under dual numbering
46	IS 3400 (Part 10/Sec 1):2022 ISO 815-1:2019 ISO 815-1:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 1 AT AMBIENT OR ELEVATED TEMPERATURES ( Third Revision )		-	Identical under dual numbering
47	IS 3400 (Part 12):2022 ISO 34-1:2015 ISO 34-1:2015	Methods of test for vulcanized rubbers: Part 12 Tear strength-crescent test piece First Revision		-	Identical under dual numbering
48	IS 3400 (Part 29):2022 ISO 6914:2021 ISO 6914:2021	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 29 DETERMINATION OF AGEING CHARACTERISTICS BY		-	Identical under dual numbering

		MEASUREMENT OF STRESS RELAXATION IN TENSION ( First Revision )			
49	IS 3400 (Part 2/Sec 1):2022 ISO 48-1:2018 ISO 48-1:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 1 INTRODUCTION AND GUIDANCE		-	Identical under dual numbering
50	IS 3400 (Part 26):2025 ISO 1827 : 2022 ISO 1827 : 2022	Vulcanized Rubber - Methods of Test Part 26 Determination of Shear Modulus and Adhesion to Rigid Plates - Quadruple-Shear Methods ( First Revision )		-	Identical under dual numbering
51	IS 3400 (Part 5):2022 ISO 36:2020 ISO 36:2020	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 5 ADHESION OF RUBBERS TO TEXTILE FABRICS ( Fourth Revision )		-	Identical under dual numbering
52	IS 3400 (Part 10/Sec 2):2022 ISO 815-2:2019 ISO 815-2:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 2 AT LOW TEMPERATURES ( Third Revision )		-	Identical under dual numbering
53	IS 3400 (Part 28):2022 ISO 3384-1:2019 ISO 3384-1:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 28 DETERMINATION OF STRESS RELAXATION IN COMPRESSION $i_c^{1/2}$ TESTING AT CONSTANT TEMPERATURE ( First Revision )		-	Identical under dual numbering
54	IS 3400 (Part 25):2022 ISO 812 : 2017 ISO 812 : 2017	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 25 DETERMINATION OF LOW-TEMPERATURE BRITTLINESS ( First Revision )		-	Identical under dual numbering
55	IS 3400 (Part 2/Sec 8):2022 ISO 48-8:2018 ISO 48-8:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 8 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY PUSEY AND JONES METHOD		-	Identical under dual numbering
56	IS 3400 (Part 2/Sec 9):2022 ISO 48-9:2018 ISO 48-9:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 9 CALIBRATION AND VERIFICATION OF HARDNESS TESTERS		-	Identical under dual numbering

57	IS 3400 (Part 2/Sec 5):2022 ISO 48-5:2018 ISO 48-5:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 5 INDENTATION HARDNESS BY IRHD POCKET METER METHOD ( Second Revision )		-	Identical under dual numbering
58	IS 3400 (Part 20):2025 ISO 1431-1 : 2022 ISO 1431-1 : 2022	Vulcanized Rubber - Methods of Test Part 20 Resistance to ozone cracking - Static strain test (Third Revision) )		-	Identical under dual numbering
59	IS 3400 (Part 2/Sec 4):2022 ISO 48-4:2018 ISO 48-4:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 4 INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS) ( Second Revision )		-	Identical under dual numbering
60	IS 3400 (Part 2/Sec 3):2022 ISO 48-3:2018 ISO 48-3:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 3 DEAD-LOAD HARDNESS USING THE VERY LOW RUBBER HARDNESS (VLRH) SCALE		-	Identical under dual numbering
61	IS 3400 (Part 15):2022 ISO 14309:2019 ISO 14309:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 15 DETERMINATION OF VOLUME AND/OR SURFACE RESISTIVITY ( First Revision )		-	Identical under dual numbering
62	IS 3400 (Part 7):2021 ISO 132 : 2017 ISO 132 : 2017	Methods of Test for Vulcanized Rubber Part 7: Determination of flex cracking and crack growth De Mattia		-	Identical under dual numbering
63	IS 3400 (Part 18):2021 ISO 1432 : 2013 ISO 1432 : 2013	Methods of Test for Vulcanized Rubbers - Part 18 : Stiffness at Low Temperature Gehman Test( Second Revision )		-	Identical under dual numbering
64	IS 3400 (Part 24):2021 ISO 8033 : 2016 ISO 8033 : 2016	Methods for Test for Volcanized Rubbers - Part 24 Rubber and Plastics Hose - Determination of Adhesion Between Components		-	Identical under dual numbering
65	IS 3400 (Part 3):2021 ISO 4649:2010 ISO 4649:2017	Methods of Test for Vulcanized Rubbers Part 3 Abrasion Resistance using a Rotating Cylindrical Drum Device ( Third Revision )		-	Identical under dual numbering
66	IS 3400 (Part 14/Sec 1):2021 ISO 813:2016 ISO 813:2016	Methods of test for Vulcanized Rubbers: Part 14 Adhesion of Rubber to Rigid Substrate Section 1 90 peel method Second Revision		-	Identical under dual numbering
67	IS 3400 (Part 14/Sec 2):2021 ISO 814 :2017	Methods of test for Vulcanized Rubbers: Part 14 Adhesion of Rubber to Metal Section 2 Two-		-	Identical under dual numbering

	ISO 814 :2017	plate method Second Revision			
68	IS 3660 (Part 1):1999 ISO 249:2014	Methods of test for natural rubber - Part 1 : determination of dirt (Third Revision)	July, 2024	2	Not Equivalent
69	IS 3660 (Part 10):2000 ISO 1656:1996	Methods of test for natural rubber: Part 10 determination of nitrogen content [nr:11] (First Revision)	July, 2024	-	Not Equivalent
70	IS 3660 (Part 2):1985 ISO 248-1,ISO 248-2	Methods of test for natural rubber - Part 2 : determination of volatile matter (Second Revision)	July, 2024	1	Not Equivalent
71	IS 3660 (Part 4):2017 ISO 8053 : 1995 ISO 8053:1995	Methods of test for natural rubber: Part 4 determination of total copper - Photometric method [ nr : 4 ] (Third Revision)	July, 2024	-	Identical under dual numbering
72	IS 3660 (Part 5):1989 ISO 7780:1998	Methods of test for natural rubber: Part 5 determination of manganese (Nr:5) (Second Revision)	July, 2024	-	Not Equivalent
73	IS 3660 (Part 6):1988  Reaffirmed but not taken up for revision ISO 5945:1982	Methods of test for natural rubber: Part 6 determination of rubber hydrocarbon [nr:7} (Second Revision)	January, 2019	-	Not Equivalent
74	IS 3660 (Part 9):2016 ISO 1407 : 2011 ISO 1407 : 2011	Methods of test for natural rubber: Part 9 determination of solvent extract [ nr : 10 ] (Second Revision)	April, 2021	-	Identical under dual numbering
75	IS 3660 (Part 11):2021 ISO 2007:2007 ISO 4662 : 2017	Methods of Test for Natural Rubber - Part 11 : Determination of Plasticity		-	Identical under dual numbering
76	IS 3660 (Part 7):2013 ISO289-1:2005 ISO 289-1:2005	Methods of Test for Natural Rubber Part 7 : Determination of Mooney Viscosity	July, 2024	-	Identical under dual numbering
77	IS 3660 (Part 8):2023 ISO 2393:2014 ISO 2393:2014	METHODS OF TEST FOR NATURAL RUBBER PART 8 RUBBER TEST MIXES PREPARATION MIXING AND VULCANIZATION EQUIPMENT AND PROCEDURES NR : 9 Third Revision of IS 3600 Part 8		-	Identical under dual numbering
78	IS 3660 (Part 13):2023 ISO 4660:2020 ISO 4660:2020	METHODS OF TEST FOR NATURAL RUBBER PART 13 DETERMINATION OF COLOUR NR : 14 Second Revision of IS3660 Part 13		-	Identical under dual numbering
79	IS 3660 (Part 12):2022 ISO 2930:2017 ISO 2930:2017	METHODS OF TEST FOR NATURAL RUBBER PART 12 DETERMINATION OF PLASTICITY RETENTION INDEX PRI NR : 13 Third Revision		-	Identical under dual numbering
80	IS 3708 (Part 2):2024 2005:2014 2005:2014	NATURAL RUBBER LATEX- METHODS OF TEST PART 2 DETERMINATION OF SLUDGE CONTENT ( Second Revision )		-	Identical under dual numbering

81	IS 3708 (Part 11):2001	Methods of test for natural rubber latex: Part 11 determination of magnesium (Direct Titration Method) [nrl:18] (Second Revision)	July, 2024	-	Indigenous
82	IS 3708 (Part 3):2018 ISO 705 : 2015 ISO 705:2015	Methods of test for natural rubber latex: Part 3 determination of density (Second Revision)	July, 2024	-	Identical under dual numbering
83	IS 3708 (Part 8):2018 ISO 1656 : 2014 ISO 1656:2014	Methods of test for natural rubber latex: Part 8 rubber, raw natural and rubber latex, natural - Determination of nitrogen content (Third Revision)	July, 2024	-	Identical under dual numbering
84	IS 3708 (Part 9):2018 ISO 247 : 2006 ISO 247:2006	Methods of test for natural rubber latex: Part 9 determination of total ash (Third Revision)	July, 2024	-	Identical under dual numbering
85	IS 3708 (Part 5):2022 ISO 127:2018 ISO 127:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 5 DETERMINATION OF KOH NUMBER Fourth Revision		-	Identical under dual numbering
86	IS 3708 (Part 10):2023 ISO 1802:1992 ISO 1802:1992	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 10 NATURAL RUBBER LATEX CONCENTRATE DETERMINATION OF BORIC ACID CONTENT		-	Identical under dual numbering
87	IS 3708 (Part 4):2023 ISO 125:2020 ISO 125:2020	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 4 NATURAL RUBBER LATEX CONCENTRATE DETERMINATION OF ALKALINITY Fourth Revision		-	Identical under dual numbering
88	IS 3708 (Part 7):2022 ISO 506:2020 ISO 506:2020	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 7 DETERMINATION OF VOLATILE FATTY ACID NUMBER Third Revision		-	Identical under dual numbering
89	IS 3708 (Part 1):2013 ISO 126:2005 ISO 126:2005	Methods of test for natural rubber latex: Part 1 determination of dry rubber content [nrl : 1] (Second Revision)	February, 2024	-	Identical under dual numbering
90	IS 3708 (Part 6):2024 ISO 35:2004 ISO 35:2004	NATURAL RUBBER LATEX- Methods of Test PART 6 DETERMINATION OF MECHANICAL STABILITY (second revision)		-	Identical under dual numbering
91	IS 433 (Part 7):2022 ISO 8033:2016 ISO 8033:2016	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 7 RUBBER AND PLASTICS HOSES DETERMINATION OF ADHESION BETWEEN COMPONENTS		-	Identical under dual numbering
92	IS 443 (Part 8):2023 4671:2022 4671:2022	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE		-	Identical under dual numbering

		ASSEMBLIES PART 8 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES METHODS OF MEASUREMENT OF THE DIMENSIONS OF HOSES AND THE LENGTHS OF HOSE ASSEMBLIES ISO 4671 : 2022 IDT			
93	IS 443 (Part 10):2023 10619-1:2017 10619-1:2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 10 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT AMBIENT TEMPERATURE ISO 10619-1 : 2017 IDT		-	Identical under dual numbering
94	IS 443 (Part 2):2023 6801:2021 6801:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 2 RUBBER AND PLASTICS HOSES DETERMINATION OF VOLUMETRIC EXPANSION		-	Identical under dual numbering
95	IS 443 (Part 3):2023 1402:2021 1402:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 3 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDROSTATIC TESTING		-	Identical under dual numbering
96	IS 443 (Part 5):2022 7662:1988 7662:1988	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 5 RUBBER AND PLASTICS HOSES DETERMINATION OF ABRASION OF LINING First Revision		-	Identical under dual numbering
97	IS 443 (Part 9):2023 7233:2021 7233:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 9 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES DETERMINATION OF RESISTANCE TO VACUUM ISO 7233 : 2021 IDT		-	Identical under dual numbering
98	IS 443 (Part 11):2023 10619-2:2021 10619-2:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 11 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT SUB-		-	Identical under dual numbering

		AMBIENT TEMPERATURES ISO 10619-2 : 2021 IDT			
99	IS 443 (Part 4):2022 ISO 8031:2020 ISO 8031:2020	METHODS OF TEST FOR RUBBER AND PLASTICS $i_{\frac{1}{2}}$ TUBING, HOSES AND HOSE ASSEMBLIES PART 4 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES $i_{\frac{1}{2}}$ DETERMINATION OF ELECTRICAL RESISTANCE AND CONDUCTIVITY ( Fourth Revision )		-	Identical under dual numbering
100	IS 443:2022 ISO 7326:2016 ISO 7326:2016	METHODS OF TEST FOR RUBBER AND PLASTICS $i_{\frac{1}{2}}$ TUBING, HOSES AND HOSE ASSEMBLIES PART 1 RUBBER AND PLASTICS HOSES $i_{\frac{1}{2}}$ ASSESSMENT OF OZONE RESISTANCE UNDER STATIC CONDITIONS ( Fourth Revision )		-	Identical under dual numbering
101	IS 443 (Part 6):2022 6803 : 2017 6803 : 2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 6 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDRAULIC PRESSURE IMPULSE TEST WITHOUT FLEXING First Revision		-	Identical under dual numbering
102	IS 4511 (Part 4):2023 ISO 3136:1983 ISO 3136:1983	Methods of test for Styrene Butadiene Rubber SBR Latices Part 4 Determination of bound Styrene		-	Identical under dual numbering
103	IS 4511 (Part 1):1986  Decision taken to Reaffirm and Archive	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 1 determination of dry polymer content sbrl : 1 (First Revision)	May, 2025	-	Indigenous
104	IS 4511 (Part 2):1986  Reaffirmed but not taken up for revision	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 2 determination of density sbrl:6 (First Revision)	July, 2024	-	Indigenous
105	IS 4511 (Part 3):1987  Decision taken to Reaffirm and Archive ISO 2008:1980	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 3 determination of volatile unsaturates [sbrl:8] (First Revision)	May, 2025	-	Not Equivalent
106	IS 4511 (Part 5):2005 ISO 7781 ISO 7781	Method of test for styrene - Butadiene rubber (Sbr), latices: Part 5 determination of soap and organic - Acid content (Second Revision)	July, 2024	-	Identical under dual numbering
107	IS 4511 (Part 6):1987	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part	July, 2024	-	Not Equivalent

	ISO 2006-1:2009	6 determination of high - Speed mechanical stability			
108	IS 4518 (Part 4/Sec 1):2024 ISO 21561-1:2015 ISO 21561-1:2015	STYRENE $\dot{i}_c$ ½ BUTADIENE RUBBER $\dot{i}_c$ ½ METHODS OF TEST PART 4 DETERMINATION OF THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 1 1H-NMR AND IR WITH CAST-FILM METHOD		-	Identical under dual numbering
109	IS 4518 (Part 1):1967  Reaffirmed but not taken up for revision ASTM D1416:1989	Methods of tests for styrene - Butadiene rubbers (Sbr): Part 1 determinNatlOn of volatile matter, total ash, organic acid, soap, antioxidants, bound styrene and mooney viscosity	January, 2019	-	Not Equivalent
110	IS 4518 (Part 2):1971  Reaffirmed but not taken up for revision ASTM D 1416	Methods of test for styrene - Butadiene rubbers: Part ii determination of solvent extract and oil content	January, 2019	-	Not Equivalent
111	IS 4518 (Part 3):2024 ISO 2453 : 2020 ISO 2453 : 2020	STYRENE $\dot{i}_c$ ½ BUTADIENE RUBBERS $\dot{i}_c$ ½ METHODS OF TEST PART 3 DETERMINATION OF BOUND STYRENE CONTENT $\dot{i}_c$ ½ REFRACTIVE INDEX METHOD		-	Identical under dual numbering
112	IS 4518 (Part 4/Sec 2):2024 ISO 21561-2:2016 ISO 21561-2:2016	STYRENE $\dot{i}_c$ ½ BUTADIENE RUBBERS $\dot{i}_c$ ½ METHODS OF TEST PART 4 DETERMINATION OF THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 2 FTIR WITH ATR METHOD		-	Identical under dual numbering
113	IS 5599:1999  Reaffirmed but not taken up for revision ISO 1795	Rubber - Raw,naturaland synthetic - Methods for sampling and sample preparation (First Revision)	January, 2019	-	Not Equivalent
114	IS 6306:1971	Methods of test for reclaimed rubber	May, 2025	2	Indigenous
115	IS 7086 (Part 1):1973  Reaffirmed but not taken up for revision	Methods of sampling and test for rubber compounding ingredients,: Part 1	July, 2024	1	Indigenous
116	IS 7498:1985  Reaffirmed but not taken up for revision	Methods of sampling and test for carbon black (First Revision)	July, 2024	-	Indigenous
117	IS 7499:2023 1658:2022 1658:2022	NATURAL RUBBER NR - EVALUATION PROCEDURE (Third Revision)		-	Identical under dual numbering
118	IS 7888:1976	Methods of test for flexible polyurethane foam	January, 2019	-	Not Equivalent

	Reaffirmed but not taken up for revision ASTM D1565,BS 3667 P-1and P-2 ,BS 3667 P-3and P-10,				
119	IS 8683:1977  Reaffirmed but not taken up for revision ISO 247,ISO 289, ISO 1407	Methods of test for raw acrylonitrile butadiene rubber	January, 2019	-	Not Equivalent
120	IS 9316 (Part 3):1987 ISO 706:1985	Methods of test for rubber latex: Part 3 determination of coagulum content (Sieve Residue) [rl:3] (First Revision)	July, 2024	1	Not Equivalent
121	IS 9316 (Part 6):2017 ISO 976 : 2013 ISO 976:2013	Methods of test for rubber latex: Part 6 determination of pH [ rl : 6 ] (Second Revision)	July, 2024	-	Identical under dual numbering
122	IS 9316 (Part 7):1987 ISO/R 1654:1971	Methods of test for rubber latex: Part 7 determination of total copper [rl:7]	July, 2024	-	Not Equivalent
123	IS 9316 (Part 9):1987 ISO 1655:1975	Methods of test for rubber latex: Part 9 determination of total manganese [rl:9]	July, 2024	-	Not Equivalent
124	IS 9316 (Part 5):2013 ISO 123:2001 ISO 123:2001	Methods of test for rubber latex: Part 5 drawing of samples [rl : 5] (Second Revision)	February, 2024	-	Identical under dual numbering
125	IS 9316 (Part 4):2023 124:2014 124:2014	METHODS OF TEST FOR RUBBER LATEX PART 4 DETERMINATION OF TOTAL SOLIDS CONTENT RL : 4 ISO 124:2014 IDT		-	Identical under dual numbering
126	IS 9316 (Part 2):2024 ISO 1652:2011 ISO 1652:2011	RUBBER LATEX $i_2^{1/2}$ METHODS OF TEST PART 2 DETERMINATION OF VISCOSITY (Second Revision )		-	Identical under dual numbering
127	IS 9316 (Part 1):2023 1409:2020 1409:2020	METHODS OF TEST FOR RUBBER LATEX PART 1 DETERMINATION OF SURFACE TENSION RL : 1 ISO 1409:2020 IDT		-	Identical under dual numbering
128	IS 9316 (Part 8):2023 1657:1986 1657:1986	METHODS OF TEST FOR RUBBER LATEX PART 8 DETERMINATION OF TOTAL IRON ISO 1657:1986 IDT		-	Identical under dual numbering

### Standards under Development

#### Projects Approved

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

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
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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	PCD 29 (02629) Revision of: IS 443:2017	Rubber and Plastics Hoses and Hose Assemblies - Determination of Electrical Resistance and Conductivity IS 443 Part 4
2	PCD 29 (02814) Revision of: IS 7016:1981	Methods of test for coated and treated fabrics Part 3 Determination of tear resistance Section 1 Constant rate of tear methods
3	PCD 29 (02815)	Methods of test for coated and treated fabrics Part 3 Determination of tear resistance Section 2 Ballistic pendulum method
4	PCD 29 (02612) Revision of: IS 4511:2005	Methods of Test for Styrene-butadiene Rubber SBR Latices - Part 5 Determination of Soap and organic acid Content
5	PCD 29 (02625) Revision of: IS 443:2017	METHODS OF TEST FOR RUBBER AND PLASTICS HOSES PART 2 DETERMINATION OF VOLUMETRIC EXPANSION IS 443 PART2
6	PCD 29 (02626) Revision of: IS 443:2017	METHODS OF TEST FOR RUBBER AND PLASTICS HOSES PART 1 ASSESSMENT OF OZONE RESISTANCE UNDER STATIC CONDITIONS IS 443 PART 1
7	PCD 29 (02706) Revision of: IS 3660:2016	Methods of Test for Natural Rubber - Part 9 Determination of Solvent Extract
8	PCD 29 (02707) Revision of: IS 3660:2017	Methods of Test for Natural Rubber - Part 12 Determination of Plasticity Retention Index PRI
9	PCD 29 (02708) Revision of: IS 3660:2017	Methods of Test for Natural Rubber - Part 11 Determination of Plasticity
10	PCD 29 (02710) Revision of: IS 3660:2017	Methods of Test for Natural Rubber - Part 4 Determination of Total Copper
11	PCD 29 (02716) Revision of: IS 9316:2017	Methods of Test for Rubber Latex - Part 6 Determination of pH
12	PCD 29 (02807) Revision of: IS 3708:2016	Methods of Test for Natural Rubber Latex - Part 4 Natural rubber latex concentrate - Determination of alkalinity
13	PCD 29 (02808) Revision of: IS 7016:2015	Methods of test for coated and treated fabrics Part 2 Determination of breaking strength and extension at break
14	PCD 29 (02809) Revision of: IS 7016:1982	Methods of Test for Coated and Treated Fabrics - Part I Determination of Roll Characteristics Section-1
15	PCD 29 (02812) Revision of: IS 7016:1984	Methods of Test for Coated and Treated Fabrics - Part 6 Determination of Bursting Strength Section 1
16	PCD 29 (02813) Revision of: IS 7016:1981	Methods of Test for Coated and Treated Fabrics - Part III Determination of Tear Strength Section 2
17	PCD 29 (10297) Revision of: IS 3708:2018	Methods of Test for Natural Rubber Latex Part 5 Determination of KOH-number
18	PCD 29 (10298) Revision of: IS 15076:2002	Chloroprene Rubber CR - General Purpose Types Evaluation Procedure First Revision
19	PCD 29 (10443)	Methods of Test for Rubber and Plastics Hoses Part 5 Determination of abrasion of lining
20	PCD 29 (10444)	Rubber Identification Infrared spectrometric methods

21	PCD 29 (10445)	METHODS OF TEST FOR VULCANIZED RUBBERS PART 25 DETERMINATION OF LOW-TEMPERATURE BRITTLENESS
22	PCD 29 (10447)	Rubber Guide to the use of curemeters
23	PCD 29 (10449)	Flexible cellular polymeric materials Determination of fatigue by constant-load pounding
24	PCD 29 (10450) Revision of: IS 3400:2018	Methods of Test for Vulcanized Rubbers Part 3 Determination of the Effect of Liquids Fourth Revision
25	PCD 29 (10490) Revision of: IS 14788:2018	Styrene-butadiene Rubber SBR - Emulsion- and Solution-polymerized Types - Evaluation Procedures first revision
26	PCD 29 (10491) Revision of: IS 14794:2018	ISOBUTENE-ISOPRENE RUBBER IIR EVALUATION PROCEDURES Second Revision
27	PCD 29 (10493) Revision of: IS 3400:2018	Methods of Test for Vulcanized Rubbers Part 6 Determination of the Effect of Liquids Fourth Revision
28	PCD 29 (10501) Revision of: IS 3400:2018	METHODS OF TEST FOR VULCANIZED RUBBERS PART 20 RESISTANCE TO OZONE CRACKING - STATIC STRAIN TEST Second Revision
29	PCD 29 (10504) Revision of: IS 3400:2002	Methods of Test for Vulcanized Rubbers - Part 23 Rubber - Determination of Indentation Hardness by Means of Pocket Hardness Meters- Sec 1 Durometer method Shore hardness First Revision
30	PCD 29 (10505) Revision of: IS 3400:2002	Methods of Test for Vulcanized Rubbers - Part 23 Rubber - Determination of Indentation Hardness by Means of Pocket Hardness Meters- Sec 2 IRHD pocket meter method first revision
31	PCD 29 (10506) Revision of: IS 3708:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 9 DETERMINATION OF DENSITY Third Revision
32	PCD 29 (10507) Revision of: IS 3708:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 8 RUBBER RAW NATURAL AND RUBBER LATEX NATURAL DETERMINATION OF NITROGEN CONTENT Third Revision
33	PCD 29 (10508) Revision of: IS 3660:2013	Draft Indian Standard METHODS OF TEST FOR NATURAL RUBBER PART 7 DETERMINATION OF MOONEY VISCOSITY NR 8 Fourth Revision
34	PCD 29 (10529) Revision of: IS 3708:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 9 DETERMINATION OF TOTAL ASH Third Revision
35	PCD 29 (10576)	Reclaimed rubber derived from products containing mainly natural rubber Evaluation procedure
36	PCD 29 (10577)	Reclaimed isobutene-isoprene IIR rubber Evaluation procedure
37	PCD 29 (11600)	Flexible cellular polymeric materials Determination of hardness indentation technique
38	PCD 29 (11604)	Rubber Tolerances for products Dimensional tolerances
39	PCD 29 (11606)	METHODS OF TEST FOR VULCANIZED RUBBERS PART 28 Rubber Vulcanized or Thermoplastic Determination of stress relaxation in compression Testing at constant temperature
40	PCD 29 (11607)	METHODS OF TEST FOR VULCANIZED RUBBERS PART 29 Rubber Vulcanized or Thermoplastic Determination of ageing characteristics by measurement of stress relaxation in tension
41	PCD 29 (11609)	Rubber - Recommendations for the workmanship of pipe joint rings Description and classification of imperfections
42	PCD 29 (12876)	Thermoplastic elastomers Nomenclature and abbreviated terms
43	PCD 29 (12880)	METHODS OF TEST FOR VULCANIZED RUBBERS PART 26 DETERMINATION OF SHEAR MODULUS AND ADHESION TO RIGID PLATES QUADRUPLE-SHEAR METHODS
44	PCD 29 (13696)	Hydraulic fluid power -- Hoses and hose assemblies -- Test methods
45	PCD 29 (13697)	Methods of Test for Rubber and Plastics Hoses Part 5 Hydraulic pressure impulse test without flexing
46	PCD 29 (13698)	Methods of Test for Vulcanized Rubbers Part 27 Resistance to ozone cracking-Reference and Alternative Methods for Determining the Ozone Concentration in Laboratory Test Chambers
47	PCD 29 (13699)	Methods of Test For Coated and Treated Fabrics Part 5 Rubber- Or Plastics - Coated Fabrics Determination of Coating Adhesion Third Revision
48	PCD 29 (13700)	Methods of Test for Coated and Treated Fabrics Part 15 Determination of abrasion resistance using Taber abrader
49	PCD 29 (13701)	Rubber compounding ingredients Zinc oxide Test methods
50	PCD 29 (13702)	Methods of Test For Coated And Treated Fabrics Part 1 Determination of Roll Characteristics Section 2 Methods for determination of total mass per unit area mass per unit area of coating and mass per unit area of substrate
51	PCD 29 (13703)	Methods of Test for Coated and Treated Fabrics Part 1 Determination of Roll Characteristics Section 3 Method for determination of thickness
52	PCD 29 (13789) Revision	Methods of test For Vulcanized Rubbers Part 5 Adhesion of Rubbers to Textile Fabrics Third

	of: IS 3400:2020	Revision
53	PCD 29 (13790) Revision of: IS 3400:2020	Methods of Test for Vulcanized Rubber Part 9 Rubber Vulcanized Determination of Density Third Revision
54	PCD 29 (13791) Revision of: IS 3400:1977	Methods of Test for Vulcanized Rubbers Part 10 Compression Set Section 1 At ambient or elevated temperatures Second Revision
55	PCD 29 (13793) Revision of: IS 3400:1977	Methods of Test for Vulcanized Rubbers Part 10 Compression Set Section 2 At low temperatures Second Revision
56	PCD 29 (13794) Revision of: IS 3400:1971	Methods of test for vulcanized rubbers Part 12 Tear strength-crescent test piece First Revision
57	PCD 29 (13795) Revision of: IS 3400:1983	Methods of test for vulcanized rubbers Part 13 Tension Set Second Revision
58	PCD 29 (13796) Revision of: IS 3400:1984	Methods of test for Vulcanized Rubbers Part 14 Adhesion of Rubber to Rigid Substrate Section 1 90 peel method Second Revision
59	PCD 29 (13797)	Methods of test for Vulcanized Rubbers Part 14 Adhesion of Rubber to Metal Section 2 Two-plate method Second Revision
60	PCD 29 (13798) Revision of: IS 3400:1984	Methods of test for Vulcanized Rubbers Part 14 Adhesion of Rubber to Rigid Material Section 3 Using conical shaped parts Second Revision
61	PCD 29 (13799) Revision of: IS 3400:2020	Methods of test for vulcanized rubbers Part 19 Permeability to gases constant volume method First Revision
62	PCD 29 (13800) Revision of: IS 3400:2020	Methods of test for vulcanized rubbers Part 21 Permeability to gases -Constant pressure method First Revision
63	PCD 29 (13801) Revision of: IS 13867:1993	Rubber General procedures for preparing and conditioning test pieces for physical test methods First Revision of IS 13867
64	PCD 29 (14142) Revision of: IS 3400:2012	Methods of Test for Vulcanized Rubber Part 1 Tensile Stress-Strain Properties
65	PCD 29 (14143) Revision of: IS 3400:2018	Methods of Test for Vulcanized Rubbers Part 3 Determination of Abrasion Resistance Using a Rotating Cylindrical Drum Device Second Revision
66	PCD 29 (14144) Revision of: IS 3400:1985	Methods of Test for Vulcanized Rubber Part 7 Determination of flex cracking and crack growth De Mattia
67	PCD 29 (14145) Revision of: IS 3660:2017	Methods of Test for Rubber Part 11 Determination of rebound resilience
68	PCD 29 (14146) Revision of: IS 3400:1995	Methods of Test for Vulcanized Rubbers - Part 18 Stiffness at Low Temperature Gehman Test
69	PCD 29 (14147) Revision of: IS 3400:2012	Methods for Test for Volcanized Rubbers - Part 24 Rubber and Plastics Hose - Determination of Adhesion Between Components
70	PCD 29 (17580)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 1 INTRODUCTION AND GUIDANCE
71	PCD 29 (17581) Revision of: IS 3400:2014	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 2 HARDNESS BETWEEN 10 IRHD AND 100 IRHD Fifth Revision
72	PCD 29 (17582)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 3 DEAD-LOAD HARDNESS USING THE VERY LOW RUBBER HARDNESS VLRH SCALE
73	PCD 29 (17583) Revision of: IS 3400:2018	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 4 INDENTATION HARDNESS BY DUROMETER METHOD SHORE HARDNESS Second Revision
74	PCD 29 (17584) Revision of: IS 3400:2018	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 5 INDENTATION HARDNESS BY IRHD POCKET METER METHOD Second Revision
75	PCD 29 (17586)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 6 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY IRHD METHOD
76	PCD 29 (17587)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 7 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY SHORE-TYPE DUROMETER METHOD
77	PCD 29 (17588)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 8 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY PUSEY AND JONES METHOD
78	PCD 29 (17589)	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 2

		DETERMINATION OF HARDNESS SECTION 9 CALIBRATION AND VERIFICATION OF HARDNESS TESTERS
79	PCD 29 (17590) Revision of: IS 3400:1971	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 15 DETERMINATION OF VOLUME AND OR SURFACE RESISTIVITY First Revision
80	PCD 29 (17591) Revision of: IS 3708:2016	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 4 NATURAL RUBBER LATEX CONCENTRATE DETERMINATION OF ALKALINITY Fourth Revision
81	PCD 29 (17602) Revision of: IS 14794:2018	ISOBUTENE-ISOPRENE RUBBER IIR EVALUATION PROCEDURES Third Revision
82	PCD 29 (17606) Revision of: IS 3400:2018	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 25 DETERMINATION OF LOW-TEMPERATURE BRITTLINESS First Revision
83	PCD 29 (17608) Revision of: IS 3400:2018	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 28 DETERMINATION OF STRESS RELAXATION IN COMPRESSION TESTING AT CONSTANT TEMPERATURE First Revision
84	PCD 29 (17609) Revision of: IS 3400:2018	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 29 DETERMINATION OF AGEING CHARACTERISTICS BY MEASUREMENT OF STRESS RELAXATION IN TENSION First Revision
85	PCD 29 (17611) Revision of: IS 3660:2017	METHODS OF TEST FOR NATURAL RUBBER PART 12 DETERMINATION OF PLASTICITY RETENTION INDEX PRI NR 13 Third Revision
86	PCD 29 (17612) Revision of: IS 3708:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 5 DETERMINATION OF KOH NUMBER Fourth Revision
87	PCD 29 (17670) Revision of: IS 443:2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 1 RUBBER AND PLASTICS HOSES ASSESSMENT OF OZONE RESISTANCE UNDER STATIC CONDITIONS Fourth Revision
88	PCD 29 (17672) Revision of: IS 443:2016	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 4 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES DETERMINATION OF ELECTRICAL RESISTANCE AND CONDUCTIVITY Fourth Revision
89	PCD 29 (17675) Revision of: IS 3400:2020	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 5 ADHESION OF RUBBERS TO TEXTILE FABRICS Fourth Revision
90	PCD 29 (17676) Revision of: IS 17361:2020	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 1 AT AMBIENT OR ELEVATED TEMPERATURES Third Revision
91	PCD 29 (17677) Revision of: IS 3400:2020	METHODS OF TEST FOR RUBBER VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 2 AT LOW TEMPERATURES Third Revision
92	PCD 29 (17681) Revision of: IS 3708:2005	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 7 DETERMINATION OF VOLATILE FATTY ACID NUMBER Third Revision
93	PCD 29 (17698) Revision of: IS 7016:2016	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 1 DETERMINATION OF ROLL CHARACTERISTICS SECTION 1 METHODS FOR DETERMINATION OF LENGTH WIDTH AND NET MASS Third Revision
94	PCD 29 (17701) Revision of: IS 7016:2015	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 2 DETERMINATION OF TENSILE STRENGTH AND ELONGATION AT BREAK Third Revision
95	PCD 29 (17703) Revision of: IS 7016:2017	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 3 DETERMINATION OF TEAR RESISTANCE SECTION 1 CONSTANT RATE OF TEAR METHODS Third Revision
96	PCD 29 (17705) Revision of: IS 7016:2016	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 6 DETERMINATION OF BURSTING STRENGTH SECTION 1 STEEL-BALL METHOD Third Revision
97	PCD 29 (17707) Revision of: IS 7016:2018	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 6 DETERMINATION OF BURSTING STRENGTH SECTION 2 HYDRAULIC METHOD Third Revision
98	PCD 29 (17744) Revision of: IS 7016:2009	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 7 DETERMINATION OF RESISTANCE TO PENETRATION BY WATER Third Revision
99	PCD 29 (17745) Revision of: IS 7016:1997	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 10 LOW-TEMPERATURE BEND TEST Second Revision
100	PCD 29 (19916) Revision of: IS 7016:1987	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 11 DETERMINATION OF FLEXIBILITY FLAT LOOP METHOD
101	PCD 29 (19917) Revision of: IS 7016:1975	Methods of test for Coated and Treated Fabrics Part 8 Accelerated Ageing

102	PCD 29 (19940) Revision of: IS 7016:2017	METHODS OF TEST FOR RUBBER OR PLASTICS COATED FABRICS PART 3 DETERMINATION OF TEAR RESISTANCE SECTION 2 BALLISTIC PENDULUM METHOD
103	PCD 29 (19988) Revision of: IS 443:2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 3 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDROSTATIC TESTING
104	PCD 29 (19989) Revision of: IS 443:2016	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 2 RUBBER AND PLASTICS HOSES DETERMINATION OF VOLUMETRIC EXPANSION
105	PCD 29 (20001)	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 8 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES METHODS OF MEASUREMENT OF THE DIMENSIONS OF HOSES AND THE LENGTHS OF HOSE ASSEMBLIES ISO 4671 2022 IDT
106	PCD 29 (20002)	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 9 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES DETERMINATION OF RESISTANCE TO VACUUM ISO 7233 2021 IDT
107	PCD 29 (20003)	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 10 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT AMBIENT TEMPERATURE ISO 10619-1 2017 IDT
108	PCD 29 (20004)	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 11 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT SUB-AMBIENT TEMPERATURES ISO 10619-2 2021 IDT
109	PCD 29 (20016) Revision of: IS 9316:1987	METHODS OF TEST FOR RUBBER LATEX PART 1 DETERMINATION OF SURFACE TENSION RL 1 ISO 1409 2020 IDT
110	PCD 29 (20018) Revision of: IS 9316:1988	METHODS OF TEST FOR RUBBER LATEX PART 4 DETERMINATION OF TOTAL SOLIDS CONTENT RL 4 ISO 124 2014 IDT
111	PCD 29 (20019) Revision of: IS 9316:1987	METHODS OF TEST FOR RUBBER LATEX PART 8 DETERMINATION OF TOTAL IRON ISO 1657 1986 IDT
112	PCD 29 (20088) Revision of: IS 443:2018	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 5 RUBBER AND PLASTICS HOSES DETERMINATION OF ABRASION OF LINING First Revision
113	PCD 29 (20091) Revision of: IS 443:2019	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 6 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDRAULIC PRESSURE IMPULSE TEST WITHOUT FLEXING First Revision
114	PCD 29 (20092)	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 7 RUBBER AND PLASTICS HOSES DETERMINATION OF ADHESION BETWEEN COMPONENTS
115	PCD 29 (20157) Revision of: IS 3660:1999	METHODS OF TEST FOR NATURAL RUBBER PART 8 RUBBER TEST MIXES PREPARATION MIXING AND VULCANIZATION EQUIPMENT AND PROCEDURES NR 9 Third Revision of IS 3600 Part 8
116	PCD 29 (20158) Revision of: IS 3660:1997	METHODS OF TEST FOR NATURAL RUBBER PART 13 DETERMINATION OF COLOUR NR 14 Second Revision of IS3660 Part 13
117	PCD 29 (20506) Revision of: IS 7499:2001	NATURAL RUBBER NR - EVALUATION PROCEDURE
118	PCD 29 (20510) Revision of: IS 3708:1986	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 10 NATURAL RUBBER LATEX CONCENTRATE DETERMINATION OF BORIC ACID CONTENT
119	PCD 29 (20511) Revision of: IS 4511:1986	Methods of test for Styrene Butadiene Rubber SBR Latices Part 4 Determination of bound Styrene
120	PCD 29 (22777) Revision of: IS 3708:1985	NATURAL RUBBER LATEX- METHODS OF TEST PART 2 -DETERMINATION OF SLUDGE CONTENT Second Revision
121	PCD 29 (22797)	Rubber Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 1 Introduction
122	PCD 29 (22798)	Rubber Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 2 Oscillating disc curemeter
123	PCD 29 (22799)	Rubber Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 3 Rotorless curemeter
124	PCD 29 (22802)	STYRENE BUTADIENE RUBBER METHODS OF TEST PART 4 DETERMINATION OF

		THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 1 1H-NMR AND IR WITH CAST-FILM METHOD
125	PCD 29 (22803)	STYRENE BUTADIENE RUBBERS METHODS OF TEST PART 4 DETERMINATION OF THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 2 FTIR WITH ATR METHOD
126	PCD 29 (22805) Revision of: IS 3708:1985	NATURAL RUBBER LATEX- Methods of Test PART 6 DETERMINATION OF MECHANICAL STABILITY second revision
127	PCD 29 (22806) Revision of: IS 9316:1987	RUBBER LATEX METHODS OF TEST PART 2 DETERMINATION OF VISCOSITY Second Revision
128	PCD 29 (22807)	STYRENE BUTADIENE RUBBERS METHODS OF TEST PART 3 DETERMINATION OF BOUND STYRENE CONTENT REFRACTIVE INDEX METHOD
129	PCD 29 (22871)	Rubber Methods of Test Part 2 Determination of styrene content Nitration method
130	PCD 29 (24828) Revision of: IS 3400:2018	Vulcanized Rubber Methods of Test Part 20 Resistance to ozone cracking - Static strain test Third Revision
131	PCD 29 (24829) Revision of: IS 3400:2019	Vulcanized Rubber Methods of Test Part 26 Determination of Shear Modulus and Adhesion to Rigid Plates Quadruple-Shear Methods First Revision
132	PCD 29 (24833) Revision of: IS 14788:2018	STYRENE-BUTADIENE RUBBER SBR EMULSION AND SOLUTION-POLYMERIZED TYPES -EVALUATION PROCEDURES Second Revision
133	PCD 29 (24834) Revision of: IS 16705:2018	RECLAIMED RUBBER DERIVED FROM PRODUCTS CONTAINING MAINLY NATURAL RUBBER EVALUATION PROCEDURE First Revision
134	PCD 29 (24835) Revision of: IS 16713:2018	RECLAIMED ISOBUTENE-ISOPRENE IIR RUBBER EVALUATION PROCEDURE First Revision
135	PCD 29 (33546)	RUBBER METHOD OF TEST PART 3 DETERMINATION OF ASH SECTION 1 COMBUSTION METHOD
136	PCD 29 (33550)	RUBBER METHOD OF TEST PART 3 DETERMINATION OF ASH SECTION 2 THERMOGRAVIMETRIC ANALYSIS TGA
137	PCD 29 (33609)	RUBBER METHODS OF TEST PART 4 DETERMINATION OF VOLATILE-MATTER CONTENT SECTION 1 HOT-MILL METHOD AND OVEN METHOD
138	PCD 29 (33612)	RUBBER METHODS OF TEST PART 4 DETERMINATION OF VOLATILE-MATTER CONTENT SECTION 2 THERMOGRAVIMETRIC METHODS USING AN AUTOMATIC ANALYSER WITH AN INFRARED DRYING UNIT
139	PCD 29 (33616)	RUBBER METHODS OF TEST PART 5 DETERMINATIONS USING A SHEARING-DISC VISCOMETER DETERMINATION OF MOONEY VISCOSITY

**Total Published Standards:128 Total Standards Under development:139**

### Aspect Wise Report

Product : 0  
Code of Practices : 0  
Methods of Test : 126  
Terminology : 0  
Dimensions : 1  
System Standard : 0  
Safety Standard : 0  
Others : 1  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

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

Sl. No.	IS No. & Year	Title
1	IS 11720 (Part 2):2013 ISO 3417 :2008 ISO 3417 :2008	Methods of test for synthetic rubber Part 2 measurement of vulcanization characteristics with the oscillating disc curemeter Second Revision
2	IS 12656:2014 ISO 10619-1 : 2011 ISO 10619-1 : 2011	Rubber or plastics hoses and tubing - Bending tests First Revision

3	IS 12657:2014 ISO10619-2 : 2011 ISO 10619-2 : 2011	Rubber and plastics hoses - Subambient temperature flexibility tests First Revision
4	IS 14789:2000 ISO 5478 : 1990 ISO 5478	Rubber - Determination of styrene content - Nitration method
5	IS 15913:2011 ISO 4671:2007	Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies
6	IS 16209:2014 ISO 7233 : 2006 ISO 7233 : 2006	Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum
7	IS 16848:2018 ISO 6502 : 2016 ISO 6502:2016	Rubber - Guide to the use of curemeters
8	IS 3400 (Part 14):1984 ISO 813,ISO 814,ISO 5600	Methods of test for vulcanized rubbers Part 14 adhesion of rubber to metal First Revision
9	IS 3400 (Part 17):1974 ASTM D 624	Methods of test for vulcanized rubbers Part xvii tear strength - Angular test piece
10	IS 3400 (Part 10):1977 ISO 815	Methods of test for vulcanized rubbers Part x compression set at constant strain First Revision
11	IS 3400 (Part 23):2002 ISO 7619	Methods of Test for Vulcanized Rubbers - Part 23 Rubber - Determination of Indentation Hardness by Means of Pocket Hardness Meters
12	IS 3400 (Part 8):1983	Methods of test for vulcanized rubbers Part 8 resistance to crack - Growth First Revision
13	IS 3400 (Part 23/Sec 1):2018 ISO 7619-1 : 2010 ISO 7619-1:2010	Methods of test for vulcanized rubbers Part 23 rubber - Determination of indentation hardness by means of pocket hardness meters section 1 durometer method Shore Hardness First Revision
14	IS 7016 (Part 3):1981	Methods of test for coated and treated fabrics Part 3 determination of tear strength First Revision
15	IS 7016 (Part 6):1984 ISO 3303:1979	Methods of test for coated and treated fabrics - Part 6 determination of bursting strength First Revision
16	IS 7016 (Part 1):1982 ISO 2286:1972	Methods of test for coated and treated fabrics Part 1 determination of roll characteristics First Revision

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

Sl. No.	IS No. & Year	Title
<i>No Records Found</i>		