

Reference	Title	Scope
A-A-56032D	Commercial Item Description Ink, Marking, Epoxy Base	This commercial item description covers catalyzed epoxy system of marking inks for metallic or other non-porous surfaces and printed wiring boards,
ANSI / ISEA 105	American National Standard for Hand Protection Selection Criteria	This method covers the selection criteria for hand protection systems including chemical permeation, puncture resistance, and abrasion resistance.
ANSI / SAE Z26.1 (Abrasion Resistance, Plastics)	Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment	The purpose of this test is to determine whether the plastic has a certain minimum resistance to abrasion
ANSI / SAE Z26.1 (Abrasion Resistance, Safety Glass)	Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment	The purpose of this test is to determine whether safety glass has a certain minimum resistance to abrasion.
ANSI INCITS 322 (5.10 Bar Code Abrasion)	Card Durability Test Methods	The purpose of this test is to determine the extent of 1D bar code abrasion resistance
ANSI INCITS 322 (5.11 Magnetic Stripe Abrasion)	Card Durability Test Methods	The purpose of this test is to determine the extent of magnetic stripe abrasion resistance
ANSI INCITS 322 (5.9 Surface Abrasion)	Card Durability Test Methods	The purpose of this test is to provide a general means to produce controlled abrasion on a card surface
ANSI INCITS 322 (Image Abrasion)	Card Durability Test Methods	The purpose of this test is to determine the extent of image abrasion resistance
AS 2001.2.28	Methods of Test for Textiles	This standard sets out a method for the determination of the abrasion resistance of textile fabrics (applicable to all textile fabrics including coated and laminated fabrics, a method for wet testing is also specified).
AS/NZS 1580.403.2	Paints and Related Materials - Methods of Test	This Standard sets out a method for determining the abrasion resistance of a paint coating or other finishes, such as anodizing, electroplating, paper products, rubbers, plastics, textiles, glass and concrete.

AS/NZS 4266.20	Reconstituted Wood-Based Panels - Methods of Test	This standard specifies a method for determining the resistance to surface abrasion of decorative surfaces by using the Taber abrader. It is applicable to all low pressure overlaid particleboards and medium density fibreboards (MDF's).
ASTM B607 (Appendix X2)	Standard Specification for Autocatalytic Nickel Boron Coatings for Engineering Use	This test method will evaluate the resistance of the coating to abrasive wear.
ASTM B733 (Appendix X1)	Standard Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal	This test method will evaluate the resistance of the coating to abrasive wear.
ASTM B893 (Annex A1)	Standard Specification for Hard-Coat Anodizing of Magnesium for Engineering Applications	This specification covers requirements for electrolytically formed oxide coatings on magnesium and magnesium alloy parts where appearance, abrasion resistance, and protection against corrosion are important.
ASTM C957	Standard Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface	This specification describes the required properties and test methods for a cold liquid-applied elastomeric membrane for waterproofing building decks not subject to hydrostatic pressure. The specification applies only to a membrane system that has an integral wearing surface.
ASTM C1353	Standard Test Method Using the Taber Abraser for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic	This test methods covers the establishment of an index of abrasion resistance by determination of loss of weight resulting from abrasion of dimension stone.
ASTM C1405 (Section 7.6)	Standard Specification for Glazed Brick (Single fired Brick units)	This specification covers brick, having a ceramic glaze finish fused to the body during the same process as the unit body firing, that are intended for use in masonry and supplying structural or facing components, or both, to the structure. This specification does not cover double-fired glazed brick. Some double-fired decorative glazes have physical properties

		which vary from those of single-fired glazes due to the lower temperatures used in applying the decorative coating.
ASTM C1803	Standard Guide for Abrasion Resistance of Mortar Surfaces Using a Rotary Platform Abraser	This guide is intended to assist in establishing procedures for determining the relative resistance of treated or untreated mortar surfaces.
ASTM C501	Standard Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser	This test method covers the establishment of an abrasive wear index by determination of the loss of weight resulting from abrasion of unglazed ceramic tile.
ASTM C744	Standard Specification for Prefaced Concrete and Calcium Silicate Masonry Units	This specification covers prefaced concrete masonry units with the exposed-to-view-in-place surfaces covered at the point of manufacture with resin, resin and inert filler, or cement and inert filler to produce a smooth resinous tile facing. This specification does not address, and therefore is not applicable to, ground-face concrete masonry units that are manufactured by grinding a thin layer off the surface of a concrete masonry unit to expose aggregates within and polishing to produce smooth, architectural finish.
ASTM D1044	Standard Test Method for Resistance of Transparent Plastics to Surface Abrasion	This test method describes a procedure for estimating the resistance of Transparent Plastics to Surface Abrasion
ASTM D154 (Section 18)	Standard Guide for Testing Varnishes	This guide covers the selection and use of procedures for testing varnishes. Some test methods are included, but most sections refer to specific ASTM test methods
ASTM D2205 (Section 18)	Standard Guide for Selection of Tests for Traffic Paints	This guide covers the selection and use of procedures for testing traffic paints in the laboratory and in the field.
ASTM D3389	Standard Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Double-Head Abrader)	This test method covers the determination of the resistance to abrasion of fabrics coated with rubber or plastics

ASTM D3451 (Section 22)	Standard Practices for Testing Polymeric Powders and Powder Coatings	These practices cover the selection and use of procedures for testing polymeric powders and powder coatings.
ASTM D3489 (Section 13)	Standard Test Methods for Microcellular Urethane Materials	
ASTM D3730 (Section 10.1)	Standard Guide for Testing High-Performance Interior Architectural Wall Coatings	This guide covers the selection and use of test methods for high-performance interior architectural wall coatings (HIPAC) which differ from more conventional coatings in that they are tougher, more stain-resistance, more abrasion-resistant and, ordinarily, designed to be applied to wall surfaces of steel, masonry, and plaster or gypsum wallboard.
ASTM D3794 (Section 10.8.5.1)	Standard Guide for Testing Coil Coatings	This guide covers procedures for testing coil coatings. The test methods included are listed in Table 1. Where more than one test method is listed for the same characteristic, no attempt is made to indicate superiority of one method over another.
ASTM D3884	Standard Guide for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method)	This guide covers the determination of the abrasion resistance of textile fabrics using the rotary platform, double head tester (RPDH)
ASTM D4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser	This test method covers the determination of the resistance of organic coatings to abrasion produced by the Taber Abraser on coatings applied to a plane, rigid surface, such as a metal panel.
ASTM D4685	Standard Test Method for Pile Retention of Corduroy Fabrics	This test method covers the determination of the loss of pile, specifically pile pull out, due to abrasion.
ASTM D4712	Standard Guide for Testing Industrial Water-Reducible Coatings	This guide covers the selection and use of procedures for testing water-reducible coatings, both pigmented and clear, utilizing synthetic lattices, synthetic resin emulsions, or water-reducible alkyds.

<p>ASTM D5144 (Section 5.5.2)</p>	<p>Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants</p>	<p>This guide provides a common basis on which protective coatings for the surfaces of light water-moderated nuclear power generating facilities may be qualified and selected by reproducible evaluation tests.</p>
<p>ASTM D5146 (Section 10.1.1)</p>	<p>Standard Guide to Testing Solvent-Borne Architectural Coatings</p>	<p>This guide covers the selection and use of procedures for testing solvent-borne coatings to be used on exterior, interior or both types of surfaces.</p>
<p>ASTM D5324 (Section 10.1.1)</p>	<p>Standard Guide for Testing Water-Borne Architectural Coatings</p>	<p>This guide covers the selection and use of procedures for testing water-borne coatings to be used on exterior, interior or both types of surfaces.</p>
<p>ASTM D6037 (Method A)</p>	<p>Standard Test Methods for Dry Abrasion Mar Resistance of High Gloss Coatings</p>	<p>Two test methods are included. Test Method A uses a device that contains an abrasive wheel. Test Method B uses a device that contains a wheel that has been fitted with abrasive paper. Either method can be used to evaluate the dry abrasion mar resistance of coatings applied to planar, rigid surfaces.</p>
<p>ASTM D7255</p>	<p>Standard Test Method for Abrasion Resistance of Leather Rotary Platform, Double Head Method)</p>	<p>This test method covers the determination of the abrasion resistance of leather using the rotary platform, double-head tester (RPDH).</p>
<p>ASTM E1795</p>	<p>Standard Specification for Non-Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings</p>	<p>This specification covers minimum material performance and laboratory test procedures for non-reinforced liquid coating encapsulation products (single or multiple-coat systems) for leaded paint in buildings.</p>
<p>ASTM F1344 (Section 7.5)</p>	<p>Standard Specification for Rubber Floor Tile</p>	<p>This specification covers requirements for the compound and physical characteristics of rubber floor tile.</p>
<p>ASTM F1478</p>	<p>Standard Test Method for Determination of Abrasion Resistance of Images Produced from Copiers and Printers (Taber Method)</p>	<p>This test method describes a procedure for determining the amount of image abraded from the surface of a document. This test method may be used to evaluate the abrasion resistance of images produced by business</p>

		imaging products, including nonimpact printers, thermal transfer printers, and copiers.
ASTM F1978	Standard Test Method for Measuring Abrasion Resistance of Metallic Thermal Spray Coatings by Using the Taber Abraser	This test method quantifies the abrasion resistance of metallic coatings produced by thermal spray processes on flat metallic surfaces. It is intended as a means of characterizing coatings used on surgical implants.
ASTM F2051 (Annex A1)	Standard Specification for Implantable Saline Filled Breast Prosthesis	This specification covers the requirements for single use saline inflatable, smooth and textured silicone shell implantable breast prostheses, intended for use in surgical reconstruction, augmentation, or replacement of the breast.
ASTM F2068 (Section 6.2.3)	Standard Specification for Femoral Prosthesis-Metallic Implants	This specification covers metallic stemmed femoral prosthesis used to replace the natural hip joint by means of hemi-arthroplasty or total hip surgical procedures.
ASTM F362	Standard Test Method for Determining the Eraseability of Inked Ribbons	This test method covers the determination of the erasability of inked ribbons
ASTM F510	Standard Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method	This test method covers the laboratory procedure for determining the abrasion resistance of resilient flooring using an abrader with a grit feeder.
ASTM G195	Standard Guide for Conducting Wear Tests Using a Rotary Platform Abraser	This guide covers and is intended to assist in establishing procedures for conducting wear tests of rigid or flexible materials utilizing the rotary platform abramer.
Australia Department of Civil and Environmental Engineering	Laboratory Tests for Strength, Hardness and Abrasiveness: Explanatory Notes.	Describes method of testing using Taber Abraser
Blu-Ray Disc (v1.2)	Blu-ray Disc Read-Only Format - Part 1: Basic	The entrance surface of the disc should have sufficient scratch resistance, which may be

	Format Specifications	improved by a protective coating.
Boeing P.S. 13208	Hardcoating of Aluminum Alloys	This Specification provides the requirements and procedures for producing a hard oxide coating on aluminum alloys. This coating provides excellent abrasion resistance for sliding wear applications, corrosion resistance, and electrical insulation. Corrosion resistance can be increased by sealing the coating, but abrasion resistance is decreased.
BS 3900: Part E14	Paints and Varnishes; Determination of Resistance to Abrasion {Part 1: Rotating Abrasive-Paper-Covered Wheel Method}	This part of ISO 7784 specifies a method for determining the resistance to abrasion of a dried film of paint, varnish or related product, using abrasive paper attached to wheels and abrading by making a rotary movement
BS 3900: Part E15	Paints and Varnishes; Determination of Resistance to Abrasion {Part 2: Rotating Abrasive Rubber Wheel Method}	This part of ISO 7784 specifies a method for determining the resistance to abrasion of a dried film of paint, varnish or related product, using abrasive rubber wheels and abrading by making a rotary movement
BS 8204-3	Screed, bases and in situ floorings. Polymer modified cementitious leveling screeds and wearing screeds. Code of Practice	
BS AU 178a	Specification for Road Vehicle Safety Glass	Specifies requirements for safety glass for installation as windscreens, other windows, or as partitions in motor vehicles and trailers.
BS EN 13672	Surfaces for sports areas - Determination of resistance to abrasion of non-filled synthetic turf	This document describes a method for the determination of the wear resistance of a non-filled synthetic turf surface using an abrasive wheel under laboratory conditions. It is applicable to non-filled synthetic turf with a pile height greater than 15mm.
BS EN 60903	Live Working-Gloves of Insulating Material	Mechanical testing requirements.
CFFA-1 &200	Standard Test Methods - Chemical Coated Fabrics	To determine the abrasion resistance of chemical coated fabrics and films using a rotary

	and Film	platform double head tester.
CFFA-P-101C	Recommend Minimum Performance Standards for Vinyl Swimming Pool Liners-In-Ground	This document sets forth recommended minimum performance standards for vinyl and other polymeric films, plain and printed, which are used as in-ground swimming pool liners.
CID A-A-56032	Military Specification - Ink, Marking, Epoxy Base	This specification covers a catalyzed epoxy system of marking inks for metallic or other non-porous surfaces.
CID A-A-59776	Gear, Fire Protective	This commercial item description covers the requirements for a structural fireman's coverall to be used by Navy damage control fire fighters.
CNS K6591	Method of Test for Polyurethane Athletic Installation Material	This standard covers the test method for polyurethane (PU) of athletic installation use.
CPA WR-01	Standard Test Method for the Evaluation of Wear Resistance of Laminated Decorative surfaces using Abrading Wheels	This test measures the ability of a laminated decorative surface to resist abrasive wear-through of the decorative layer, utilizing a Taber rotary platform, double-head abraser equipped with abrading wheels.
CTS No. 5538	Abrasion Resistance Taber Abraser	This procedure covers the determination of the resistance of coatings to abrasion using the Taber Abraser
DIN 52 347	Testing of Glass and Plastics; Abrasion Test; Method Using Abrasion Wheels and Measurements of Scattered Light	in German
DIN 53 109	Testing of Paper and Board; Determination of Abrasion by the Abrasion Wheel Method	in German
DIN 53 754	Testing of Plastics; Determination of Resistance of Wear by Abrasive Wheels	in German



DIN 53 799	Decorative Laminated Sheets on Basis of Aminoplastic Resins; Test Method	in German
DIN 68 861 T2	Furniture Surfaces: Behavior at Abrasion	in German
DLA1	Determination of Resistance to Surface Wear	This Appendix specifies a method of measuring the ability of the surfaces of decorative laminated sheets to maintain their original design or colour under abrasive wear.
DPS 11.04	Hard Anodizing Aluminum	This process standard specifies procedures and requirements for hard anodizing aluminum alloys. It shall be used when specified on the Engineering drawing.
EN 13310	Kitchen Sinks - Functional Requirements and Test Methods	This standard specifies the functional requirements and test methods for domestic kitchen sinks, used in residential (domestic houses, guest houses and similar) premises. This standard does not specify aesthetic and dimensional requirements. It does not apply to industrial kitchen sinks. Note: All drawings are examples only; other forms are permissible.
EN 13329-Annex E	Laminate floor coverings - Elements with a surface layer based on amnioplastic thermosetting resins - Specifications, requirements and test methods	This annex specifies the method for measuring abrasion resistance and consequently determining the abrasion class of laminate floor covering elements. The test described measures the ability of the surface layer to resist abrasive wear-through.
EN 13696	Wood flooring - Test methods to determine elasticity and resistance to wear and impact resistance	This document specifies two alternative test methods to determine the resistance to wear of lacquered wood floorings and one method to test the elasticity of the lacquer.
EN 14323	Wood-based panels-Melamine faced boards for interior uses-Test	This test measures the ability of the decorative surface of melamine surfaces boards to resist abrasive wear-through by rotating a specimen

	Methods	in contact with cylindrical wheels covered with abrasive paper. The number of revolutions of the specimen required to cause a defined degrees of abrasion is used as measures of resistance to abrasion.
EN 14327	Leather - Physical and Mechanical Tests - Determination of Abrasion Resistance of Automotive Leather	This European Standard specifies a method of determining abrasion resistance of automotive leather
EN 14354-Annex D	Wood Based Panels - Wood Veneer Floor Covering	This method of test specifies a procedure to determine the resistance to wear of lacquered wood veneer floor covering.
EN 14431	Vitreous and Porcelain Enamels- Characteristics of the enamel coatings applied to steel panels intended for architecture	
EN 14688	Sanitary Appliances - Wash Basins - Functional Requirements and Test Methods	This European Standard specifies the functional requirements and test methods for wash basins for domestic purposes.
EN 14864	Vitreous and Porcelain Enamels - Enamel coatings applied to steel for writing surfaces- Specifications	
EN 14904	Surfaces for Sports areas - Indoor surfaces for multi-sports use-Specification	This European Standard specifies requirements for surfaces for indoor facilities for multi-sports use. It also covers surface systems which include both their supporting and upper layers whether prefabricated, produced in situ or a combination of the two. Not applicable to indoor tennis halls.
EN 438-2	Decorative High Pressure Laminates (HPL); Sheets Based on Thermosetting Resins; Part	The test measures the ability of the decorative surface of the sheet under test to resist abrasive wear-through to the sub-layer.

	2: Determination of Properties	
EN 655	Resilient Floor Coverings-Tiles of agglomerated composition cork with polyvinyl chloride wear layer-Specification	This European standard specifies the characteristics of agglomerated cork with a wear layer based upon polyvinyl chloride and modification thereof.
EN 660-2	Resilient floor coverings - Determination of wear resistance - Part 2: Frick-Taber Test	This European Standard describes the Frick-Taber method for determining the wear resistance of the wear layer of polyvinyl chloride floor coverings under laboratory conditions. The test method is applicable to floor coverings with smooth surfaces. It can be used to determine the wear resistance of surfaces against abrasion and particularly for ranking different wear layer types within one type of product.
FDA Metallic Plasma Sprayed Coatings	Guidance for Industry on the Testing of Metallic Plasma Sprayed Coatings on Orthopedic Implants to Support Reconsideration of Postmarket Surveillance Requirements	This guidance document represents the agency's current thinking on the testing results that will enable FDA to reconsider the requirement for postmarket surveillance of plasma sprayed hip prostheses.
Fed. Specification TT-P-0091D	Interim Federal Specification - Paint, Rubber Base, Styrene-Butadiene Type, Interior, for concrete floors.	This specification covers a rubber-base paint for interior use on concrete floors.
Fed. Test Method Std. No. 191A Method 5306.1	Abrasion Resistance of Cloth: Rotary Platform, Double-Head (Taber) Method	This method is intended for determining the abrasion resistance of cloths in terms of percent change in breaking strength, or breaking strength after a given period of abrasion, or the number of abrasion cycles required to produce a specified state of destruction. It is used to evaluate cloth durability.
Fed. Test Method Std. No. GG-P-455b	Plates and Foils, Photographic	This specification covers the requirements for photosensitive anodized aluminum sheets and

	(Photosensitive Anodized Aluminum)	foils. For purposes of this specification, foils as referred to in this specification is defined as material 0.010 inch and thinner
IKEA Spec. No. IOS-TM-0002	Surface Resistance-Test Methods	Description of a method that measures the ability of a coated surface to resist abrasive wear-through to the underlying substrate by assessing the resistance to liquid paraffin (fat) in the abraded area. The method is used on coated wood, foiled and laminated substrates in applications where high surface resistance is required.
IPC-TM-650	Abrasion (Taber Method) Solder Mask and Conformal Coating	This method is designed to evaluate the resistance of solder mask or conformally surfaces to rubbing abrasion.
ISO 10074	Specifications for Hard Anodic Oxidation Coatings on Aluminum and its Alloys	This International Standard specifies requirements for hard anodic oxidation coatings on aluminum and its alloys, including test methods.
ISO 15082	Road Vehicles-Tests for rigid plastic safety glazing materials	Determination of whether the plastic, safety glazing material has a certain minimum resistance to abrasion at ambient temperature under dry or wet (car wash) conditions.
ISO 2046-Annex C	Effects of Surface Finish and Colour on Scratch Resistance	The test measures the ability of a decorative surface of the sheet under test to resist abrasive wear through to the sub-layer.
ISO 24338	Laminate Floor Coverings - Determination of Abrasion Resistance	This International Standard specifies the method for measuring abrasion of laminate floor covering elements.
ISO 3537	Road Vehicles - Safety Glazing Materials - Mechanical Tests	This International Standard specifies mechanical test methods relating to the safety requirements for all safety glazing materials in a road vehicle, whatever the type of glass or other material of which they are composed.
ISO 5470-1	Rubber or Plastics Coated Fabrics - Determination of Abrasion Resistance	This part of ISO 5470 describes a method of assessing the abrasive wear resistance of coated fabrics.

ISO 7784-1	Paints and Varnishes; Determination of Resistance to Abrasion	This part of ISO 7784 specifies a method for determining the resistance to abrasion of a dried film of paint, varnish or related product, using abrasive paper attached to wheels and abrading by making a rotary movement
ISO 7784-2	Paints and Varnishes; Determination of Resistance to Abrasion	This part of ISO 7784 specifies a method for determining the resistance to abrasion of a dried film of paint, varnish or related product, using abrasive rubber wheels and abrading by making a rotary movement
ISO 9352	Plastics; Determination of Resistance to Wear by Abrasive Wheels	This International Standard specifies a general method for determining the resistance to abrasive wear of plastics under the action of abrasive wheels. It is equally applicable to moulded test specimens, components and finished products.
JC Penney - MTC-205	Abrasion Resistance of Textile Fabrics (Rotary -Platform, Double-Head Method)	To determine the abrasion resistance of textile fabrics using the rotary-platform double-head tester.
JC Penney - PPS# 303-03076	JCPenny Product Research & Technology Laboratories Product Performance Standard PPS# 303-0307 Luggage	Flat Abrasion, CS-17 wheels, 100g load, 5400 cycles
JIS A 1453	Method of Abrasion Test for Building Materials and Part of Building Construction (Abrasive-Paper Method)	This Japanese Industrial Standard applies to building materials and parts of building construction and specifies the testing method to evaluate the degree of abrasion of the test piece.
JIS H 8503	Methods of Wear Resistance for Metallic Coatings	This is a test to examine the wear resistance of metallic coatings.
JIS K 5600: Part 5, Section 8	Testing Methods for Paints {Part 5: Mechanical property of film -- Section 8: Abrasion resistance (Rotating	This Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products. This Standard specifies a method for determining the

	abrasive paper covered wheel method)}}}	resistance to abrasion of a dried film of paint, varnish or related product, using abrasive rubber wheels and abrading by making a rotary movement.
JIS K 5600: Part 5, Section 9	Testing Methods for Paints {Part 5: Mechanical property of film -- Section 9: Abrasion resistance (Rotating abrasive rubber wheel method)}}}	This Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products. This Standard specifies a method for determining the resistance to abrasion of a dried film of paint, varnish or related product, using abrasive rubber wheels and abrading by making a rotary movement.
JIS K 6735	Plastic-polycarbonate sheet-type, size and characteristics	
JIS K 6902	Testing Method for Laminated Thermosetting Decorative Sheets	This Japanese Industrial Standard specifies the testing method for laminated thermosetting decorative sheets.
JIS K 7204	Testing Method for Abrasion Resistance of Plastics by Abrasive Wheels	This Japanese Industrial Standard specifies the testing method for the abrasion resistance of plastics by abrading the test piece, particularly in, with an abrasive wheel.
JIS K6264	Rubber, Vulcanized or Thermoplastic - Determination of Abrasion Resistance - Part2: Testing Methods	This method specifies the testing methods for determination of abrasion resistance of rubber, vulcanized or thermoplastic (hereafter referred to as "vulcanized rubber").
JIS L 1018	Test Methods for knitted fabrics	
JIS L 1021	Textile Floor Covering - Part 11: Determination of Wear	This Japanese Industrial Standard specifies the testing methods for determination of wool fiber integrity using an abrasion machine.
JIS L 1085	Test Methods for Non-Woven Interlining Fabrics	

JIS L 1096	Testing for Woven Fabrics	This Japanese Industrial Standard specifies the testing methods for the evaluation of general characteristics of woven fabric foundation cloth.
JNB 30.04.09	Abrasion Resistance of Printed Graphics	This test procedure is used to determine the abrasion resistance of decorative finishes/graphics, used within the vehicle interior. The test shall be used to give an indication of the comparative wear characteristics of painted, printed or hot embossed finishes, to plastic substrates. The test is used to determine the desired wear characteristics are met.
LAT-4-2200	Hard Anodizing	This method covers the requirements for anodization of aluminum and its alloys
MIL-A-8625F(1)	Military Specification - Anodic Coatings for Aluminum and Aluminum Alloys	This specification covers the requirements for six types and two classes of electrolytically formed anodic coatings on aluminum and aluminum alloys for non-architectural applications.
MIL-C-83409	Military Specification - Coatings, Visor, Polycarbonate, Flying Helmet	This specification covers the optical and durability requirements for abrasion resisting coatings as applied polycarbonate visors conforming to MIL-V-43511.
MIL-DTL-15024F	Military Specification - Plates, Tags, and Bands for Identification of Equipment	This specification covers the materials and physical characteristics of plates, tags and bands (identification devices) used for identification of equipment.
MIL-DTL-19834C	Plates, Identification or Instruction, Metal Foil, Adhesive Backed - General Specification For	This specification covers adhesive-backed metal foil identification or instruction plates, herein referred to as identification plates, for use as internal and external equipment identification or instruction (see 6.1).
MIL-DTL-22992F	General Specification for Connectors, Plugs and Receptacles, Electrical Waterproof, Quick	This specification covers multicontact heavy duty, quick disconnect, waterproof, electrical plug and receptacle connectors and associated accessories for electronic and electrical power

	Disconnect, Heavy Duty Type	and control circuits.
MIL-DTL-43511D	Detail Specification - Visors, Flying Helmet, Polycarbonate	This specification covers general and performance requirements for curved polycarbonate flyer's helmet visors worn by aircrew personnel.
MIL-DTL-43511D	Detail Specification - Visors, Flying Helmet, Polycarbonate	This specification covers general and performance requirements for curved polycarbonate flyer's helmet visors worn by aircrew personnel.
MIL-P-18493	Military Specification - Packing, Performed, Carbon; and Carbon Stock, Packing	This specification covers carbon packing material (1700) for rotary rod and shaft.
MIL-PRF-24613A	Performance Specification - Deck Covering Materials, Interior, Cosmetic Polymer	This specification establishes the performance requirements for cosmetic deck covering materials to be applied either directly over primed or unprimed, clean steel and aluminum interior deck surfaces, or over deck covering underlay materials conforming to MIL-PRF-3135, that provide a wear resistant, low maintenance deck surface.
MIL-PRF-24712A	Military Specification - Coatings, Powder (Metric)	This specification covers powder coatings for interior steel, aluminum, copper-nickle and bronze equipment, furniture, and electrical box surfaces and on exterior steel, aluminum, copper-nickel, and bronze surfaces exposed to marine atmosphere, high humidity, seawater and weathering.
MIL-PRF-28800F	Military Specification - General Specification for Test Equipment for use with Electrical and Electronic Equipment	This specification describes the general requirements for test equipment used in testing electrical and electronic equipment.
MIL-PRF-32170A	Performance Specification - Deck Tiles, Wear Resistant	This specification establishes the requirements for wear-resistant and fatigue reducing deck tile systems (including required adhesives and/or



		sealers) that are halogen free and require no floor finish used in Naval shipboard interior applications.
MIL-PRF-32171B	Performance Specification - Deck Coatings, High Durability	This specification establishes the requirements for high-durability, wear-resistant deck coatings for use in high-traffic areas, with minimal maintenance.
MIL-STD-13231C	Department of Defense Standard Practice - Marking of Electronic Items	This standard covers the general requirements for marking of electronic items.
MIL-T-53029C	Military Specification - Tanks, Fabric, Collapsible: 10,000; 20,000; And 50,000 Gallon, Drinking Water	This specification covers tanks, fabric, collapsible: 10,000; 20,000; and 50,000 gallon for drinking water storage, complete with fittings and repair items.
MIL-V-43511C	Military Specification - Visors, Flyer's Helmet, Polycarbonate	The abrasion resistance coating test shall be conducted in accordance with MIL-C-83409
NALFA LF-01	Laminate Flooring	This test measures the ability of the surface of laminate flooring to resist abrasive wear through the décor layer.
NASTA	Manufacturing Standards and Specifications for Textbooks	If offset printed on coated cover material, a protective top coating for abrasion resistance is required.
National Aircraft Standard NAS 1192	Performance Specification for Hard Anodic Coatings on Aluminum Alloys	This specification defines the performance requirements for hard anodic coatings on aluminum and aluminum alloy parts
NEMA LD3	High Pressure Decorative Laminates	This test measures the ability of the surface of high-pressure decorative laminate to resist abrasive wear-through of the decorative layer.
NF G 37-121	Rubber or Plastic Coated Fabric-Determination of the Wear Resistance by Rubbing with two Abrasive Wheels	(in French)

NF T30-015	Abrasion Resistance Test on Paint	(in French)
NHDOT Section 711	Preformed Retroreflective Pavement Marking Tape	Tape shall consist of glass spheres of a high optical quality imbedded into a binder on a suitable backing that is pre-coated with a pressure-sensitive adhesive.
NHTSA 49 CFR 571.205	Glazing Materials	This standard specifies requirements for glazing materials for use in motor vehicles and motor vehicle equipment.
NIOSH CET-APRS-STP-0316	Standard Test Procedure for Determination of Haze, Luminous Transmittance, and Abrasion Properties of Primary Lens System Materials for Full Facepiece Respiratory Protective Devices (RPS)	The purpose of this test is to quantify the haze, luminous transmittance, and abrasion resistance properties of the primary lens material of a full facepiece RPD
Nokia DMXS1146-EN	Menu Paint Approval Testing Requirements	This document details the NMP best practice for the acceptance and verification of coatings and paint finishes applied to Nokia plastics for the Menu system.
NSF/ANSI 35	High Pressure Decorative Laminates for Surfacing Food Service Equipment	This Standard applies to high pressure decorative laminates for use as work and nonwork surfaces of food service equipment on which direct food contact during normal preparation or holding operations is not intended, expected, or reasonable. Applications of high pressure decorative laminates covered by this Standard include wait stations, service counters, and other counters when used in conjunction with cutting boards or other means of preventing direct food contact with the laminate. High pressure decorative laminates used on equipment for which other NSF or ANSI/NSF Standards or Criteria exist shall also comply with the applicable requirements therein.
NSF/ANSI 49	Class II (Laminar Flow)	This Standard applies to Class II (laminar flow)

	Biohazard Cabinetry	biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4 and defines the tests that shall be passed by such cabinetry to meet this Standard.
NSF/ANSI 51	Food Equipment Materials	This Standard is applicable to the materials and finishes used in the manufacture of food equipment (e.g., broiler, beverage dispenser, cutting board, stock pot).
SAE AS 38386	Duct Assembly, Gound, Conditioned Air, Insulated, Flexible	This document covers insulated, flexible air duct assemblies for portable ground support air conditioners and heaters. (Section 4.6.14 - Abrasion reistance test)
SAE AMS 2438	Chromium Coating: Thin, Hard, Dense Deposit	This specification covers the engineering requirements for the deposition of a thin, hard dense chromium coating on surfaces of ferrous and non ferrous alloys and the properties of the coating.
SAE AMS 2469G	Hard Anodic Coating Treatment of Aluminum and Aluminum Alloys Processing and Performance Requirements	This specification establishes the engineering requirements for producing a hard anodic coating on aluminum and aluminum alloys and the properties of such coating.
SAE J 1530	Test Method for Determining Resistance to Fiber Loss, Resistance to Abrasion and Bearding of Automotive Carpet Materials	This test method covers determination of abrasion resistance, fiber loss and bearding resistance of automotive carpet materials.
SAE J 1847	Abrasion Resistance Testing - Vehicle Exterior Graphics and Pin Striping	This SAE Recommended practice applies to the abrasion resistance testing of decorative tapes, graphics, and pin striping. It may also have relevance to certain vehicle labels and plastic wood grain film. The resistance to abrasive damage is judged qualitatively by its effect on the legibility, pattern, and color of the graphic marking.
SAE J 2394	Seven-Conductor Cable for Abs Power	This SAE Standard establishes the minimum construction and performance requirements for seven-conductor 1/8-2/10-4/12 cable for use on

		trucks and trailers.
SAE J 3097	Standard for Safety Glazing Motor Vehicles and Motor Vehicle Equipment Operating on Land Highways - Safety Standard	Specifications, test methods, and usage provisions for safety materials used for glazing of motor vehicles and motor vehicle equipment operating on land highways. (See tests 12 and 13)
SAE J 315	Surface Vehicle Standard-Fiberboard Test Procedure	This SAE provides test methods for determining the critical characteristics of basic or finished fiberboard products. Where applicable, methods of tests developed by SAE and ASTM have been referenced.
SAE J 365	Method of Testing Resistance to Scuffing of Trim Materials	This test can be used to determine the resistance to scuffing of test specimens such as fiberboards, fabrics, vinyl coated fabrics, leathers, and similar trim materials.
SAE J 80	Automotive Rubber Mats	This SAE recommended practice covers the requirements for rubber floor mats made from five types of rubber compound as required by the physical property requirements of the application.
SAE J 948	Test Method for Determining Resistance to Abrasion of Automotive Bodycloth, Vinyl, and Leather, and the Snagging of Automotive Bodycloth	The Taber method of test is applicable for determining the resistance to snagging and abrasion of automotive fabrics and/or vinyl-coated fabrics.
SIS 92 35 09	Floor Materials - Determination of Abrasion Resistance	This standard describes a method for the determination of the abrasion resistance of organic flooring materials when exposed to walking traffic of a revolving nature (point abrasion). The method is not however suited to asphalt, textile carpeting, or unlacquered wood.
Tappi T 476	Abrasion Loss of Paper and Paperboard (Taber-type method)	The objective of this method is to determine the resistance of surfaces of paper and paperboard to the action of abrasion, either wet or dry, by measuring abrasion loss. This test is not applicable to the surfaces treated with wax or similar materials which would fill in the pores of

		the abrasive wheels.
UN EN 48-250	Paint and Varnishes-Resistance to Abrasion-Taber Method	This norm specifies a method for the determination of resistance to abrasion for paints, varnishes and products when using the Taber Abraser.
UNE 56842		(translated) This norm applies to the furniture of kitchen or kitchen furniture elements just as supply themselves for their final use, not being valid to evaluate the characteristics of the coverings (laminated plastics or other) of independent form.
UNE 57095	Paper and cardboard - Determination of Resistance to Abrasion - Taber Method	(translated) This norm intends to describe to the method of measurement of the sensitivity of the faces of paper or cardboard to the action of standardized surfaces abrasives, as much in humid as in dry, using the Taber apparatus.
UNI 9115	Furniture - Test for surface finishes - Behaviour of surfaces to wear abrasion.	(translated) It establishes a method in order to estimate the surface of furniture and is used to maintain the design, color or aspect and subject them to abrasive action. The method is adapted in order to compare various finish, or as a control test in order to assure that a determined level of furniture surface performance is maintained and applied to all.
United Nations - ECE Regulation 43	Uniform Provisions Concerning the Approval of Safety Glazing Materials and their installation on Vehicles	This Regulation applies to safety glazing and glazing materials intended for installation as windscreens or other panes, or as partitioning, on power-driven vehicles and their trailers.
USIFI-DOC-001	Test Method Recommendations Coated and Laminated Fabrics	This document provides recommendations for test methods to be used in evaluating and characterizing coated and laminated fabrics for use in military applications.
USIFI-DTL-53308	Detail Specification Cloth and Strip, Laminated or Coated, Vinyl, Reinforced, High Strength, Flexible	This specification covers three types, four classes, and two forms of laminated or coated cloth.

USIFI-PRF-44423	Performance Specification Cloth, Flame Resistant, Light weight, Reversible	This specification covers a flame resistant, light weight, reversible cloth.
WSP 020.4.R3(12)	Standard Test Method for Abrasion Resistance of Nonwoven Materials (Rotary Platform, Double-Head Method)	This method covers the determination of the abrasion resistance of nonwoven fabrics using the rotary platform, double-head tester (RPHD).