

## STANDARDS FOR TABER WEAR TESTING

Reference	Title	Scope
ANSI INCITS 322-2002	Card Durability Test Methods	<i>The purpose of this test is to determine the extent of 1D bar code abrasion resistance.</i>
ANSI INCITS 322-2002	Card Durability Test Methods	<i>The purpose of this test is to provide a general means to produce controlled abrasion on a card surface.</i>
ANSI INCITS 322-2002	Card Durability Test Methods	<i>The purpose of this test is to determine the extent of image abrasion resistance.</i>
ANSI INCITS 322-2002	Card Durability Test Methods	<i>The purpose of this test is to determine the extent of magnetic stripe abrasion resistance.</i>
AS/NZS 1580.403.2:1994	Paints and Related Materials - Methods of Test	<i>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.</i>
ASTM D3451	Standard Practices for Testing Polymeric Powders and Powder Coatings	<i>These practices cover the selection and use of procedures for testing polymeric powders and powder coatings.</i>
ASTM D3730	Standard Guide for Testing High-Performance Interior Architectural Wall Coatings	<i>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.</i>
ASTM D4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser	<i>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.</i>
ASTM D4712	Standard Guide for Testing Industrial Water-Reducible Coatings	<i>This guide covers the selection and use of procedures for testing water-reducible coatings, both pigmented and clear, utilizing synthetic latices, synthetic resin emulsions, or water-reducible alkyds.</i>
ASTM D5144	Standard Guide for Use of Protective Coating Standards in Nuclear Power Plants	<i>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.</i>
ASTM D5146	Standard Guide to Testing Solvent-Borne Architectural Coatings	<i>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.</i>
ASTM D5324	Standard Guide for Testing Water-Borne Architectural Coatings	<i>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.</i>

ASTM D6037	Standard Test Methods for Dry Abrasion Mar Resistance of High Gloss Coatings	<i>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.</i>
ASTM F1478	Standard Test Method for Determination of Abrasion Resistance of Images Produced from Copiers and Printers (Taber Method)	<i>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 imaging products, including non-impact printers, thermal transfer printers, and copiers.</i>
ASTM F362	Standard Test Method for Determining the Erasability of Inked Ribbons	<i>This test method covers the determination of the erasability of inked ribbons.</i>
ASTM G195	Standard Guide for Conducting Wear Tests Using a Rotary Platform, Double-Head Abraser	<i>This guide covers and is intended to assist in establishing procedures for conducting wear tests of rigid or flexible materials utilizing the rotary platform, double-head abramer (RPDH).</i>
BS 3900: Part E14: 1997	Paints and Varnishes; Determination of Resistance to Abrasion	<i>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.</i>
BS 3900: Part E15: 1997	Paints and Varnishes; Determination of Resistance to Abrasion	<i>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.</i>
CFFA-1	Standard Test Methods - Chemical Coated Fabrics and Film	<i>To determine the abrasion resistance of chemical coated fabrics and films using a rotary platform double head tester.</i>
Daimler-Chrysler LP-463KB-21-01	Wear Resistance of Trim Materials - Taber Method	<i>This procedure is a method of determining the wear resistance of trim materials by means of a rotary platform sample support and double abrasion wheel type machine.</i>
EN 14354	Wood-based panels - Wood veneer floor covering	<i>Annex D - Test method for the determination of the resistance to abrasion; This Annex establishes a method of test for the determination of abrasion resistance of wood coatings and varnishes.</i>
Fed. Specification TT-P-0091D	Interim Federal Specification - Paint, Rubber Base, Styrene-Butadiene Type, Interior, for concrete floors.	<i>This specification covers a rubber-base paint for interior use on concrete floors.</i>
Ford Engineering Material Specification ESB-M99P14-A1	Pad Printing, First Surface Plastic or Painted Plastic, Interior	<i>The pad printing defined by these specifications is an ink system transferred to the surface of interior plastic parts by a pad printing process. These specifications were released originally for pad</i>

		<i>printing using ink for graphics on interior plastic parts.</i>
Ford Laboratory Test Method BN 108-02	Resistance to Abrasion - Taber Abraser	<i>This procedure is used to test the abrasion resistance of textile fabrics, coated fabrics, genuine leather, cardboard, rubber floor mats, carpets, other floor covering materials, plastics and painted substrates.</i>
Ford Laboratory Test Method BN 108-04	Resistance to Scuffing	<i>This procedure is used to determine the resistance to scuffing of materials such as painted substrates, vinyl, genuine leather and luggage compartment mats.</i>
General Motors GM9515P	Abrasion Resistance of Organic Coatings (Taber Abraser Method)	<i>This test method is a modification of ASTM D4060, outlining the procedures to be followed in determining the abrasion resistance of organic coatings by means of the Taber Abraser Method.</i>
General Motors GM9911P	Scuff Resistance Test for Painted Plastics	<i>This procedure is used to determine the resistance of paint to be removed from a substrate material.</i>
ISO 7784-1:1997	Paints and Varnishes; Determination of Resistance to Abrasion	<i>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.</i>
ISO 7784-2: 1997	Paints and Varnishes; Determination of Resistance to Abrasion	<i>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.</i>
MIL-PRF-61002A	Military Specification - Pressure-Sensitive Adhesive Labels for Bar Coding	<i>This specification covers the requirements for pressure-sensitive adhesive, bar-coded labels for use in the initial implementation of bar code marking / reading operations within the military logistics system</i>
NASTA	Manufacturing Standards and Specifications for Textbooks	<i>If offset printed on coated cover material, a protective top coating for abrasion resistance is required.</i>
NF T 30-015	Abrasion Resistance Test on Paint	
NSF/ANSI 51-2002	Food Equipment Materials	<i>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).</i>
SAE J 1847	Abrasion Resistance Testing - Vehicle Exterior Graphics and Pin Striping	<i>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.</i>
UNE 135203-1	Road Marking Equipment, Materials, Laboratory Abrasion Tests – Part 1: Abrasion	

	Resistance, Taber Method	
UNE 48-250	Paint and Varnishes – Resistance to abrasion – Taber method	<i>This norm specifies a method for the determination of resistance to abrasion for paints, varnishes, and products when using the Taber abraser.</i>
UNI 9115	Furniture. Test for surfaces finishes. Behavior of surfaces to wear abrasion.	<i>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 systems, or as a control test in order to assure that a determined level of furniture surface performance is maintained and applied to all. It is not applicable to surface of leather, woven, natural and synthetic. Materials; equipment; reagents</i>