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ASTM-F88	Standard Test Method for Seal Strength of Flexible Barrier Materials	THS1232 THS1217-V40 + TH240k-Ko+BP30
ASTM-F382 (F and FC)	Specification and Test Method for Metallic Bone Plates	TH238
ASTM-F394	Biaxial Flexure Strength (Modulus of Rupture) of Ceramic Substrates	THS1620-31.8-1.6-ASTM-F394
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ASTM-F904	Standard Test Method for Comparison of Bond Strength or Ply Adhesion of Similar Laminates Made from Flexible Materials	THS1217-V40 + TH240k-Ko+BP30
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ASTM-F1566	Evaluation of Innersprings, Boxsprings, Mattresses or Mattress Sets, Mattress Firmness & Deformation	THS1463-215.9x355.6xR108
ASTM-F1575	Determining Bending Yield Moment of Nails	TH238-3p-200-CWLD9.5-ASTM-F1575
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ASTM-F2534	Testing Polyethylene PE Butt Fusion Joints	THS353
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ASTM-F3212	Coring Testing of Huber Needles Prüfen von Spezialpunktionskanülen	THS1406
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We have solutions also for these standards:

ACCORDING TO ASTM D1002 Lap Shear Strength of Adhesively Bonded Metals-tests:

This test procedure determines shear strengths of adhesives for bonding metals when tested on a standard single-lap-joint specimen.

ACCORDING TO ASTM D1004 Tear Resistance Test for Plastic Film and Sheeting-tests:

This test standard covers the determination of the tear resistance of flexible plastic film and sheeting at very low rates of loading, 51 mm (2 in.)/min. and is designed to...

ACCORDING TO ASTM D1037 Test for Wood-Base Fiber and Particle Panel Materials-tests:

These testing standards cover small-specimen tests for wood-base fiber and particle panel materials that are made to provide data for comparing the mechanical and physical properties of various materials, for...

ACCORDING TO ASTM D1062 Cleavage Strength Test of Metal-to-Metal Adhesive Bonds-tests:

This standard covers cleavage properties of adhesive bonds on standard shape metal specimens.

ACCORDING TO ASTM D1184 Flexural Test of Adhesive Bonds-tests:

This test covers the determination of the comparative properties of either metal or wood adhesive bonded assemblies when subjected to flexural stresses with standard shape specimens and under defined conditions...

ACCORDING TO ASTM D1294 Tensile Strength and Breaking Tenacity of Wool Fiber Bundles-tests:

This test standard measures breaking force (or load) and estimation of the tensile strength and tenacity of wool fiber bundles with a 1-in. (25.4-mm) gage length.

ACCORDING TO ASTM D1335 Tuft Bind of Pile Yarn Floor-tests:

This test procedure covers the measurement of the force required to pull a tuft completely out of a pile yarn floor covering sample.

ACCORDING TO ASTM D1414 Rubber O-Rings-tests:

Describes the procedures for determining the physical properties of O-rings and changes in these properties due to aging.

ACCORDING TO ASTM D143 - Tensile Tests for Small Clear Specimens of Timber-tests:

These standards cover the determination of various strength and related properties of wood by testing small clear specimens.

ACCORDING TO ASTM D1578 Breaking Strength of Yarn in Skein Form-tests:

This test standard is applicable to spun yarns, either single or plied, composed of any fiber or blend of fibers, but is not suitable for yarns which stretch more than...

ACCORDING TO ASTM D1621 Compression Test of Rigid Cellular Plastic-tests:

This test standard describes a procedure for determining the compressive properties of rigid cellular materials, particularly expanded plastics.

ACCORDING TO ASTM D1623 Tensile Adhesion - Rigid Cellular Plastic-tests:

This test standard covers the determination of the tensile and tensile adhesion properties of rigid cellular materials in the form of test specimens.

ACCORDING TO ASTM D1683 Test for Failure of Sewn Seams-tests:

This standard measures the sewn seam strength in woven fabrics by applying a force perpendicular to the sewn seams.

ACCORDING TO ASTM D1708 - Tensile Test of Plastic Microtensile-tests:

This test standard covers certain material specifications for which a history of data has been obtained using the standard microtensile specimen. The specimen geometry has been changed to be equivalent...

ACCORDING TO ASTM D1761 Test for Mechanical Fastener in Wood-tests:

These standards provide a basic procedure for evaluating the resistance of wood and wood-base materials to direct withdrawal of nails, staples, and screws.

ACCORDING TO ASTM D1781 Climbing Drum Peel Test for Adhesives-tests:

ACCORDING TO ASTM D1781 covers the determination of the peel resistance of adhesive bonds between: a relatively flexible adherend and a rigid adherend; and the relatively flexible facing of a sandwich structure...

ACCORDING TO ASTM D1871 Adhesion Between Tire Bead Wire and Rubber-tests:

This test standard cover procedures for testing the strength of adhesion of single-filament wire to vulcanized rubber compounds. The standard applies to, but is not limited to, wire made from...

ACCORDING TO ASTM D1876 Peel Resistance of Adhesives-tests:

This test is intended for determination of the relative peel resistance of adhesive bonds between flexible adherends by means of a T-type specimen.

ACCORDING TO ASTM D1894 Friction Test of Plastic Film and Sheeting-tests:

This test standard covers determination of the coefficients of starting and sliding friction of plastic film and sheeting when sliding over itself or other substances at specified test conditions. The...

ACCORDING TO ASTM D198 Testing of Lumber in Structural Sizes-tests:

These test cover the evaluation of lumber in structural size by various testing procedures.

ACCORDING TO ASTM D1995 - Multi-Modal Strength Testing of Autohesives-tests:

These test standards cover compression shear, cleavage, climbing drum peel, and T-peel in combinations of rigid-to-rigid, flexible-to-rigid, and flexible-to-flexible adherends that include wood, aluminum, steel flakeboard, and plastic laminates.

ACCORDING TO ASTM D202 Untreated Paper Used for Electrical Insulation-tests:

These test standards cover procedures for testing untreated paper used for electrical insulating purposes.

ACCORDING TO ASTM D204 Sewing Threads-tests:

These test standards can be used to evaluate sewing threads of any fiber.

ACCORDING TO ASTM D2061 - Strength Tests for Zippers-tests:

These test standards cover the determination of the strengths for zipper and zipper parts.

ACCORDING TO ASTM D2095 - Tensile Test of Adhesives-tests:

This test standard covers the determination of the relative tensile strength of adhesives by the use of bar- and rod-shaped butt-joined specimens.

ACCORDING TO ASTM D2105 - Tensile Test of Fiberglass-tests:

This test standard covers the determination of the comparative longitudinal tensile properties of fiberglass pipe when tested under defined conditions of pretreatment, temperature, and testing machine speed. Both glass-fiber-reinforced thermosetting-resin...

ACCORDING TO ASTM D2208 - Grab Test of Leather-tests:

This test standard covers the determination of the breaking strength of leather by the grab standard.

ACCORDING TO ASTM D2209 - Tensile Strength Test of Leather-tests:

This test standard covers the determination of the load required to rupture a leather test specimen having a

ACCORDING TO ASTM D2229 Adhesion Between Steel Tire Cords and Rubber-tests:

This test standard covers the determination of the force required to pull a steel cord from a block of vulcanized rubber.

ACCORDING TO ASTM D2256 - Tensile Test of Yarns-tests:

This test standard covers the determination of tensile properties of monofilament, multifilament, and spun yarns, either single, plied, or cabled with the exception of yarns that stretch more than 5.0...

ACCORDING TO ASTM D2261 Tear Test of of Fabrics-tests:

This standard covers the measurement of the tearing strength of textile fabrics by the tongue (single rip) procedure using a recording constant-rate-of-extension-type (CRE) machine.

ACCORDING TO ASTM D2290 - Tensile Test of Plastic; Split Disk-tests:

This test standard covers the determination of the comparative apparent tensile strength of most plastic products utilizing a split disk test fixture, when tested under defined conditions of pretreatment, temperature,...

ACCORDING TO ASTM D2295 Shear Test of Adhesives-tests:

This test covers the determination of the comparative shear strengths of adhesives for bonding metals when tested on a standard specimen and under specified conditions of preparation and testing at...

ACCORDING TO ASTM D2343 - Tensile Test of Glass Fiber Strands, Yarns, and Rovings used in Plastics-tests:

This test standard covers the determination of the comparative tensile properties of glass fiber strands, yarns, and rovings in the form of impregnated rod test specimens when tested under defined...

ACCORDING TO ASTM D2344 Short-Beam Strength of Composite Materials and Laminates-tests:

This test procedure determines the short-beam strength of high-modulus fiber-reinforced composite materials. The specimen is a short beam machined from a curved or a flat laminate up to 6.00 mm...

ACCORDING TO ASTM D2412 Compression Test of Plastic Loading-tests:

This specification covers elastomeric flexible hinge finger total joint implants for the reconstruction of the metacarpophalangeal (MCP) and proximal interphalangeal (PIP) joints.

ACCORDING TO ASTM D2433 Rubber Thread-tests:

These tests cover the testing of both round extruded latex and rectangular cut rubber thread products in which the base material used in manufacture may be natural rubber or synthetic...

ACCORDING TO ASTM D2557 Shear Test of Adhesives-tests:

This test standard covers the determination of the comparative shear strength of adhesives for bonding metals when tested on a standard specimen and under specified conditions of preparation and testing...

ACCORDING TO ASTM D2612 Fiber Cohesion in Sliver and Top in Static Tests-tests:

This test standard describes the measurement of fiber cohesion as the force required to cause initial drafting in a bundle of fibers in sliver and top. The observed cohesive force...

ACCORDING TO ASTM D2646 Backing Fabric Characteristics of Pile Yarn Floor Coverings-tests:

Testing woven, knitted and nonwoven backing fabrics for use in the manufacture of pile yarn floor coverings.

ACCORDING TO ASTM D2653 - Tensile Test of Elastomeric Yarns-tests:

Determining tensile properties of "as produced" elastomeric yarns made from natural rubber, spandex or other elastomers.

ACCORDING TO ASTM D2659 Column Crush Properties of Blown Thermoplastic Containers-tests:

This test standard covers the determination of mechanical properties of blown thermoplastic containers when loaded under columnar crush conditions at a constant rate of compressive deflection.

ACCORDING TO ASTM D2719 Shear Test of Structural Panels-tests:

These test standards determine the shear through-the-thickness properties of structural panels associated with shear distortion of the major axis. Structural panels in use include plywood, wafer board, oriented strand board,...

ACCORDING TO ASTM D2724 Bonded, Fused, and Laminated Apparel Fabrics-tests:

Characterizing the delamination, strength of bond, appearance, and shrinkage propensity of bonded, fused, and laminated apparel fabrics after drycleaning and laundering.

ACCORDING TO ASTM D2731 - Tensile Test of Elastomeric Yarns-tests:

This test standard covers the determination of elastic properties of "as produced" elastomeric yarns made from rubber, spandex or other elastomers. Elastic properties include force at specified elongations, permanent deformation...

ACCORDING TO ASTM D2844 Resistance R-Value and Expansion Pressure of Compacted Soils-tests:

This test standard covers the procedure for testing both treated and untreated laboratory compacted soils or aggregates with the stabilometer and expansion pressure devices to obtain results indicative of performance...

ACCORDING TO ASTM D2918 Durability Assessment of Adhesive Joints Stressed in Peel-tests:

Tests of adhesive joints by means of T-peel type specimens.

ACCORDING TO ASTM D2969 Steel Tire Cords-tests:

These test standards cover the testing of cords made from steel for use in the reinforcement of pneumatic tires and may be used to test similar cords or filaments used...

ACCORDING TO ASTM D2970 Tire Cords, Tire Cord Fabrics, and Industrial Yarns Made From Glass Filaments-tests:

These test standards cover the testing of industrial yarns made of glass filaments, cords twisted from such yarns, and fabric woven from such cords-products that are made specifically for use...

ACCORDING TO ASTM D2979 Tack of Adhesives-tests:

Measures pressure-sensitive tack of adhesives.

ACCORDING TO ASTM D2990 Tensile, Compression, Flexural, and Creep Test - Plastic-tests:

Helps determine tensile and compressive creep and creep-rupture of plastics under environmental conditions.

ACCORDING TO ASTM D3039 - Tensile Testing of Polymer Matrix Composite Materials-tests:

This test standard determines the in-plane tensile properties of polymer matrix composite materials reinforced by high-modulus fibers. The composite material forms are limited to continuous fiber or discontinuous fiber-reinforced composites...

ACCORDING TO ASTM D3043 Flexure of Structural Panels-tests:

These test standards determine the flexural properties of strips cut from structural panels or panels up to 4 by 8 ft in size. Structural panels in use include plywood, waferboard,...

ACCORDING TO ASTM D3044 Shear Modulus of Wood-Based Structural Panels-tests:

This test standard covers determination of the shear modulus of wood-based structural panels associated with shear distortion in the plane of the panels.

ACCORDING TO ASTM D3163 Lap Shear Test of Bonded Rigid Plastic-tests:

Complements Test Standard D 1002 - single-lap shear adhesive joints of rigid plastic adherends. The test standard is useful for generating comparative shear strength data for joints made from a...

ACCORDING TO ASTM D3164 Lap-Shear Sandwich-tests:

This test is intended to complement ACCORDING TO ASTM D1002 and ACCORDING TO ASTM D3163 and extend its application to single-lap-shear adhesive joints employing plastic adherends.

ACCORDING TO ASTM D3165 Shear Test of Adhesives-tests:

Comparative shear strengths of adhesives in large area joints when tested on a standard single-lap-joint specimen.

ACCORDING TO ASTM D3166 Fatigue Test of Adhesives-tests:

Measures fatigue strength in shear by tension loading of adhesives on a standard specimen and under specified conditions of preparation, loading, and testing.

ACCORDING TO ASTM D3167 Peel Resistance of Adhesives-tests:

This standard covers the determination of the relative peel resistance of adhesive bonds between one rigid adherend and one flexible adherend when tested under specified conditions of preparation and testing.

ACCORDING TO ASTM D3217 Breaking Tenacity of Manufactured Textile Fibers in Loop or Knot Configurations-tests:

These test standards cover the measurement of the breaking tenacity of manufactured textile fibers taken from filament yarns, staple, or tow fiber, either crimped or uncrimped, and tested in either...

ACCORDING TO ASTM D3330 Peel Adhesion of Pressure-Sensitive Tape (PSA)-tests:

These test standards cover the measurement of the peel adhesion of pressure-sensitive tapes by testing the adherence, when peeled at 180

ACCORDING TO ASTM D3354 Blocking Load of Plastic Film-tests:

This test standard yields quantitative information regarding the degree of blocking (unwanted adhesion) existing between layers of plastic film. It is not intended to measure susceptibility to blocking.

ACCORDING TO ASTM D3410 Compression Test of Composite Materials-tests:

This testing procedure is designed to produce compressive property data for material specifications, research and development, quality assurance, and structural design and analysis. Factors that influence the compressive response and...

ACCORDING TO ASTM D3433 Fracture Strength in Cleavage of Adhesives-tests:

This test covers the determination of fracture strength in cleavage of adhesives when tested on standard specimens and under specified conditions of preparation and testing.

ACCORDING TO ASTM D3479 Fatigue Testing of Composite Materials-tests:

Tests the fatigue behavior of polymer matrix composite materials subjected to tensile cyclic loading. The composite material forms are limited to continuous-fiber or discontinuous-fiber reinforced composites for which the elastic...

ACCORDING TO ASTM D3492 Rubber Contraceptives-tests:

This specification covers the minimum requirements for individually packaged male condoms made from natural rubber latex and intended for single use.

ACCORDING TO ASTM D3498 Adhesives for Field-Gluing Plywood-tests:

This specification covers test requirements for gap-filling construction adhesives for bonding plywood to lumber framing, particularly floor joists, at the construction site.

ACCORDING TO ASTM D3500 - Tension Test of Structural Panels-tests:

These test standards cover the determination of the tensile properties of structural panels.

ACCORDING TO ASTM D3501 Compression Test of Wood-Based Structural Panels-tests:

These standards cover the determination of the compression properties of wood-based structural panels. Wood-based structural panels in use include plywood, waferboard, oriented strand board, and composites of veneer and of...

ACCORDING TO ASTM D3518 Shear Test of Composite Materials by Tensile Test of a Laminate-tests:

This test standard determines the in-plane shear response of polymer matrix composite materials reinforced by high-modulus fibers. The composite material form is limited to a continuous-fiber-reinforced composite

ACCORDING TO ASTM D3528 Lap Shear Test of Bonded Joints-tests:

Determines tensile shear strengths of adhesives for bonding metals when tested in an essentially peel-free standard specimen that develops adhesive stress distribution representative of that developed in a typical low-peel...

ACCORDING TO ASTM D3552 Tensile Properties of Fiber Reinforced Metal Matrix Composites-tests:

This test standard covers the determination of the tensile properties of metal matrix composites reinforced by continuous and discontinuous high-modulus fibers. Nontraditional metal matrix composites as stated in also are...

ACCORDING TO ASTM D3574 Foam & Flexible Cellular Urethane-tests:

ACCORDING TO ASTM D3759 Penrose-Type Rubber Tubes-tests:

This specification covers Penrose-type rubber tubes used in performing certain surgical drainage procedures.

ACCORDING TO ASTM D3762 Wedge Test of Aluminum-tests:

This test, simulates in a qualitative manner the forces and effects on an adhesive bond joint at metal-adhesive/primer interface.

ACCORDING TO ASTM D3763 High Speed Puncture Testing of Plastics Using Load and Displacement Sensors-tests:

This test standard covers the determination of puncture properties of rigid plastics over a range of test velocities.

ACCORDING TO ASTM D3786 Bursting Strength of Textile Fabrics-tests:

This test standard describes the measurement of the resistance of textile fabrics to bursting using a hydraulic or pneumatic diaphragm bursting tester.

ACCORDING TO ASTM D3787 Ball Burst Testing of Textiles-tests:

This standard describes the measurement for bursting strength with a ball burst strength tester of textiles or garments that exhibit a high degree of ultimate elongation.

ACCORDING TO ASTM D3807 Cleavage Peel Test of Engineering Plastic-tests:

This test standard covers the determination of the comparative cleavage/peel strengths of adhesives for bonding engineering plastics when tested on a standard specimen and under specific conditions of preparation and...

ACCORDING TO ASTM D3822 - Tensile Test of Single Textile Fibers-tests:

This test covers the measurement of tensile properties of natural and man-made single textile fibers of sufficient length to permit mounting test specimens in a tensile testing machine.

ACCORDING TO ASTM D3846 Shear Strength Test of Reinforced Plastic-tests:

This test standard is useful for establishing the shear strength of laminates or other reinforced plastics having randomly dispersed fiber reinforcement. While the test also lends itself to parallel-fiber reinforced...

ACCORDING TO ASTM D3916 - Tensile Test of Pultruded Glass Fiber Reinforced Plastic Rods-tests:

This test standard describes a procedure for determining the tensile properties of pultruded, glass-fiber-reinforced thermosetting plastic rod of diameters ranging from 3.2 mm (1/8 in.) to 25.4 mm (1 in.)....

ACCORDING TO ASTM D3936 Delamination of the Secondary Backing of Pile Yarn Floor Covering-tests:

This test standard covers the measurement of the resistance to delamination of the secondary backing applied to some pile yarn floor coverings.

ACCORDING TO ASTM D395 Compression Set Test of Rubber-tests:

These test standards cover the testing of rubber intended for use in applications in which the rubber will be subjected to compressive stresses in air or liquid media.

ACCORDING TO ASTM D3950 Strapping, Nonmetallic (and Joining Standards)-tests:

This specification covers nonmetallic strapping and joining standards intended for use in closing, reinforcing, and bundling articles for shipment, unitizing, palletizing, and bracing for car loading and truck loading.

ACCORDING TO ASTM D3983 Strength and Shear Modulus of Nonrigid Adhesives-tests:

This test describes a standard of measuring the shear modulus and rupture stress in shear of adhesives in bonded joints.

ACCORDING TO ASTM D4018 Properties of Continuous Filament Carbon and Graphite Fiber Tows-tests:

these test standards cover tensile testing of resin-impregnated and consolidated test specimens made from continuous filament carbon and graphite yarns, rovings, and tows to determine their tensile properties.

ACCORDING TO ASTM D4027 Shear Test of Structural Adhesives-tests:

This standard describes equipment and procedures to measure the shear modulus and shear strength of adhesive layers between rigid adherends.

ACCORDING TO ASTM D4028 Solar Screening Woven from Vinyl-Coated Fiber Glass Yarn-tests:

This specification covers the requirements for vinyl-coated fiber glass solar screening.

ACCORDING TO ASTM D412 - Tensile Test of Vulcanized Rubber and Elastomers-tests:

These test cover procedures used to evaluate the tensile (tension) properties of vulcanized thermoset rubbers and thermoplastic elastomers.

ACCORDING TO ASTM D413 Adhesion Testing of Rubber to a Flexible Substrate-tests:

These test standards cover the determination of the adhesion strength between plies of fabric bonded with rubber or the adhesion of the rubber layer in articles made from rubber attached...

ACCORDING TO ASTM D4255 Shear Test of Polymer Matrix Composite Materials-tests:

ACCORDING TO ASTM D4268 Testing Fiber Ropes-tests:

ACCORDING TO ASTM D429 Adhesion Testing of Rubber to a Rigid Substrate-tests:

These test standards cover procedures for testing the static adhesional strength of rubber to rigid materials (in most cases metals).

ACCORDING TO ASTM D434 Slippage of Yarns in Woven Fabrics (W)-tests:

This test standard covers the determination of the resistance to slippage of filling yarns over warp yarns, or warp yarns over filling yarns, using a standard seam.

ACCORDING TO ASTM D4393 Strap Peel Adhesion of Reinforcing Cords or Fabrics to Rubber Compounds-tests:

This test standard covers the determination of peel adhesion of reinforcing fabrics that are bonded to rubber compounds. It is applicable to either woven or parallel cord textile structures from...

ACCORDING TO ASTM D4476 Flexural Test of Fiber Reinforced Pultruded Plastic Rods-tests:

This test standard covers the determination of the flexural properties of fiber-reinforced pultruded plastic rods. The specimen is a rod with a semicircular cross section, molded or cut from lengths...

ACCORDING TO ASTM D4501 Shear Test of Adhesive Bonds-tests:

This standard describes a procedure and fixture used to determine shear strengths of adhesives used to bond materials with moduli higher than the modulus of the adhesive.

ACCORDING TO ASTM D4533 Trapezoid Tearing Test of Geotextiles-tests:

This test is an index test used to measure the force required to continue or propagate a tear in woven or non-woven geotextiles by the trapezoid standard.

ACCORDING TO ASTM D4594 Effects of Temperature on Stability of Geotextiles-tests:

This test standard provides a procedure for determining the effects of climatic temperature on the tensile strength and elongation properties of geotextiles.

ACCORDING TO ASTM D4595 Tensile Test of Geotextile by the Wide-Width Strip-tests:

This standard covers the measurement of tensile properties of geotextiles using a wide-width strip specimen tensile standard.

ACCORDING TO ASTM D4632 Grab Breaking Load and Elongation of Geotextiles-tests:

This test is an index test which provides a procedure for determining the breaking load (grab strength) and elongation (grab elongation) of geotextiles using the grab standard.

ACCORDING TO ASTM D4761 Lumber and Wood-Base Structural Material-tests:

These test standards cover the determination of the mechanical properties of stress-graded lumber and other wood-base structural material.

ACCORDING TO ASTM D4776 Adhesion of Tire Cords and Other Reinforcing Cords to Rubber Compounds by H-Test Procedure-tests:

This test standard covers the measurement of adhesion of reinforcing cords that are bonded to rubber compounds. This test standard is applicable to textile cord structures from both natural and...

ACCORDING TO ASTM D4830 Characterizing Thermoplastic Fabrics Used in Roofing and Waterproofing-tests:

These test standards cover the procedures for characterizing thermoplastic fabrics (for example polyester, polyamide, polypropylene, and so forth) used in prefabricated roofing and waterproofing membranes.

ACCORDING TO ASTM D4833 Puncture Resistance of Geomembranes-tests:

This test standard is used to measure the index puncture resistance of geomembranes and related products.

ACCORDING TO ASTM D4846 Unsnapping of Snap Fasteners-tests:

This test standard covers the determination of the force required to disengage snap fasteners by a pull perpendicular to and parallel with the plane of the snap fastener.

ACCORDING TO ASTM D4884 Strength of Sewn or Thermally Bonded Seams of Geotextiles-tests:

This test standard covers the seam strength of geotextiles. The primary distinction of this test standard for evaluating seam strength is the width of the specimen.

ACCORDING TO ASTM D4885 Performance Strength of Geomembranes by the Wide Strip Tensile Standard-tests:

This test standard covers the determination of the performance strength of synthetic geomembranes by subjecting wide strips of material to tensile loading.

ACCORDING TO ASTM D4912 Fabric Stability of Vinyl-Coated Glass Yarn Insect Screening and Louver Cloth-tests:

This test standard provides a procedure for evaluating fabric stability by measuring the resistance to yarn slippage of filling yarns over warp yarns, or warp yarns over filling yarns in...

ACCORDING TO ASTM D4964 Tension and Elongation of Elastic Fabrics-tests:

This test standard covers the measurement of tension and elongation of wide or narrow elastic fabrics made from natural or man-made elastomers, either alone or in combination with other textile...

ACCORDING TO ASTM D4975 Single-Filament Tire Bead Wire Made from Steel-tests:

These test standards cover testing of single-filament steel wires that are components of tire beads used in the manufacture of pneumatic tires.

ACCORDING TO ASTM D4987 Tensile Breaking Strength Test of Paper-tests:

This test standard covers the procedure for testing the tensile breaking strength of the perforations in one-part continuous forms.

ACCORDING TO ASTM D503 Specification for Bleached Wide Cotton Sheeting-tests:

ACCORDING TO ASTM D5034 Grab Test of Textile Fabric-tests:

This test standard covers the grab and modified grab test procedures for determining the breaking strength and elongation of most textile fabrics.

ACCORDING TO ASTM D5035 Strip Test of Textile Fabrics-tests:

This test standard covers raveled strip and cut strip test procedures for determining the breaking force and elongation of most textile fabrics.

ACCORDING TO ASTM D5041 Fracture Strength Test in Cleavage of Adhesives-tests:

This test standard covers the determination of fracture strength in cleavage of adhesive bonds when tested on standard reinforced plastic specimens and under specified conditions of preparation and testing.

ACCORDING TO ASTM D5045 Fracture Test of Plastic Toughness-tests:

These test standards are designed to characterize the toughness of plastics in terms of the critical-stress-intensity factor, K_{Ic} , and the energy per unit area of crack surface or critical strain...

ACCORDING TO ASTM D5055 Structural Capacities of Prefabricated Wood I-Joists-tests:

Procedures for establishing, monitoring, and reevaluating structural capacities of prefabricated wood I-joists. Capacities considered are shear, reaction, moment, and stiffness.

ACCORDING TO ASTM D5083 Tensile Test of Reinforced Thermosetting Plastics-tests:

This test standard covers the determination of the tensile properties of thermosetting reinforced plastics.

ACCORDING TO ASTM D5109 Peel Test of Laminates-tests:

These test standards cover the procedures for testing copper-clad laminates produced from fiber-reinforced, thermosetting polymeric materials intended for fabrication of printed wiring boards.

ACCORDING TO ASTM D5169 Shear Strength (Dynamic Standard) of Hook and Loop Touch Fasteners-tests:

This test standard measures the shear strength of hook and loop touch (CRE) fasteners using a recording constant rate of extension tensile testing machine.

ACCORDING TO ASTM D5170 Peel Test of Hook and Loop Touch Fasteners-tests:

This standard covers the measurement of the peel strength of hook and loop touch fasteners using a recording constant-rate-of-extension tensile testing machine (CRE).

ACCORDING TO ASTM D5179 Adhesion Test of Organic Coating to Plastic Substrates-tests:

Tests the organic coating adhesion to plastic substrates - measured the force required to break the coating/substrate bond with a tensile tester.

ACCORDING TO ASTM D5379 Shear Test of Composite Materials-tests:

This standard covers the shear properties of composite materials reinforced by high-modulus fibers.

ACCORDING TO ASTM D5449 Transverse Compressive Properties of Hoop Wound Polymer Matrix Composite Cylinders-tests:

This test standard determines the transverse compressive properties of wound polymer matrix composites reinforced by high-modulus continuous fibers. It describes testing of hoop wound (90) cylinders in axial compression for...

ACCORDING TO ASTM D5450 Transverse Tensile Properties of Hoop Wound Polymer Matrix Composite Cylinders-tests:

ACCORDING TO ASTM D5467 Compressive Properties of Unidirectional Polymer Matrix Composite-tests:

ACCORDING TO ASTM D5494 Pyramid Puncture Resistance of Unprotected and Protected Geomembranes-tests:

The test standard is to be used as an index test to determine the pyramid puncture resistance of geomembranes and, or both, geomembranes protected by non-woven geotextiles and other puncture...

ACCORDING TO ASTM D5572 Adhesives Used for Finger Joints in Nonstructural Lumber Products-tests:

ACCORDING TO ASTM D5587 Tearing Strength of Fabrics by Trapezoid Procedure-tests:

This test standard covers the measurement of the tearing strength of textile fabrics by the trapezoid procedure using a recording constant-rate-of-extension-type (CRE) tensile testing machine.

ACCORDING TO ASTM D5607 Shear Strength Tests of Rock Specimens-tests:

This test standard establishes requirements and laboratory procedures for performing direct shear strength tests on rock specimens. It includes procedures for both intact rock strength and sliding friction tests which...

ACCORDING TO ASTM D5652 Bolted Connections in Wood and Wood-Base Products-tests:

These test standards cover procedures for evaluating the strength and stiffness of single-bolted connections in wood or wood-based products when subjected to static loading.

ACCORDING TO ASTM D5656 Shear Test of Metal Lap-Shear Joints-tests:

This test covers testing of thick-adherend lap-shear samples for the determination of the stress-strain behavior of adhesives.

ACCORDING TO ASTM D5672 Indentation Force Deflection-tests:

This standard covers a screening type quality control test used to determine if flexible polyurethane foam cushions are within the specified grade range for firmness.

ACCORDING TO ASTM D575 Compression Test of Rubber-tests:

These standards cover two test procedures for determining the compression-deflection characteristics of rubber compounds.

ACCORDING TO ASTM D5751 Adhesives Used for Laminate Joints in Nonstructural Lumber Products-tests:

Adhesives to be used in laminate joints in nonstructural lumber products - interior and exterior mouldings, window and door components or parts, and bonded lumber panels. This specification is to...

ACCORDING TO ASTM D5764 Evaluating Dowel-Bearing Strength of Wood and Wood-Based Products-tests:

This test standard provides the basic procedure for evaluating dowel-bearing strength of wood and wood-based products. The bearing test results are used to determine the static load resistance and deformation...

ACCORDING TO ASTM D5766 Tensile Strength of Polymer Matrix Composites Laminates-tests:

This test standard determines the open-hole tensile strength of multidirectional polymer matrix composite laminates reinforced by high-modulus fibers. The composite material forms are limited to continuous-fiber or discontinuous-fiber (tape or...

ACCORDING TO ASTM D578 Glass Fiber Strands-tests:

This specification covers the requirements for continuous fiber and staple fiber glass strands, including single, plied and multiple wound. It also covers textured glass fiber yarns.

ACCORDING TO ASTM D579 Greige Woven Glass Fabrics-tests:

his specification covers greige fabrics woven from "E" electrical glass fiber yarns.

ACCORDING TO ASTM D580 Greige Woven Glass Tapes and Webbing-tests:

This specification primarily covers greige tapes and webbings woven from "E" electrical classification glass fiber yarns.

ACCORDING TO ASTM D5822 Seam Strength in Inflatable Restraint Cushions-tests:

This test standard covers the measurement of seam efficiency and the maximum seam strength in inflatable restraint cushions composed of woven fabrics when a force is applied perpendicular to the...

ACCORDING TO ASTM D5868 Lap Shear Adhesion Test of Fiber Reinforced Plastic Bonding-tests:

This test standard describes a lap shear test for use in measuring the bonding characteristics of adhesives for joining fiber reinforced plastics to themselves and to metals. The standard is...

ACCORDING TO ASTM D5992 Dynamic Testing of Rubber and Rubber-Like Materials-tests:

This guide covers dynamic testing of vulcanized rubber and rubber-like (both hereinafter termed "rubber" or "elastomeric") materials and products, leading from the definitions of terms used, through the basic mathematics...

ACCORDING TO ASTM D6004 Adhesive Shear Test of Carpet Adhesives-tests:

This test standard describes a procedure to measure shear strength development for adhesives used to bond carpet adhesives to selected underlayments.

ACCORDING TO ASTM D6068 J-R Curves of Plastic Materials-tests:

This test standard covers the determination of the J-integral versus crack growth resistance (J-R) curves for polymeric materials.

ACCORDING TO ASTM D6108 Compressive Test of Plastic Lumber and Shapes-tests:

This test standard covers the determination of the mechanical properties of plastic lumber and shapes, when the entire cross-section is loaded in compression at relatively low uniform rates of straining...

ACCORDING TO ASTM D6112 Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes-tests:

These test standards cover the determination of the creep and creep-rupture properties of plastic lumber and shapes, when loaded in compression or flexure.

ACCORDING TO ASTM D6117 Mechanical Fasteners In Plastic Lumber-tests:

fasteners

ACCORDING TO ASTM D6195 Loop Tack-tests:

These test covers the determination of properties of a pressure-sensitive adhesive.

ACCORDING TO ASTM D6213 Chemical Resistance of Geogrids to Liquids-tests:

ACCORDING TO ASTM D622 Rubber Hose for Automotive Air and Vacuum Brake System-tests:

These test standards are intended for use in testing the conventional types of hose employed for the operation of air brake and vacuum brake systems, either on a single motor...

ACCORDING TO ASTM D624 Tear Strength Test of Vulcanized Rubber and Thermoplastic Elastomer-tests:

Describes the procedures for measuring a property of conventional vulcanized rubber and thermoplastic elastomers called tear strength.

ACCORDING TO ASTM D6241 Static Puncture Test of Geotextiles-tests:

This test standard is an index test used to measure the force required to puncture a geotextile and geotextile-related products. The relatively large size of the plunger provides a multidirectional...

ACCORDING TO ASTM D6252 90 degrees Peel Test of Pressure-Sensitive Label Stocks-tests:

This test standard covers the measurement of the peel adhesion of pressure-sensitive label stocks. This test standard gives a measure of the adherence to a standard steel substrate or to...

ACCORDING TO ASTM D6264 Damage Resistance of a Fiber-Reinforced Polymer-Matrix Composite to a Concentrated Quasi-Static Indentation Force-tests:

This test standard determines the damage resistance of multidirectional polymer matrix composite laminated plates subjected to a concentrated indentation force (Fig. 1). Procedures are specified for determining the damage resistance...

ACCORDING TO ASTM D6272 4 Point Flexural Bend Test of Plastics and Electrical Insulating Materials-tests:

This test standard covers the determination of flexural properties of unreinforced and reinforced plastics, including high-modulus composites and electrical insulating materials in the form of rectangular bars molded directly or...

ACCORDING TO ASTM D6319 Medical Gloves, Tensile Testing-tests:

This specification covers certain requirements for nitrile rubber gloves used in conducting medical examinations and diagnostic and therapeutic procedures.

ACCORDING TO ASTM D6320 Single Filament Hose Reinforcing Wire Made from Steel-tests:

These test standards cover testing of single filament steel wires that are used to reinforce hose products.

ACCORDING TO ASTM D638 Tensile Test Properties of Plastics-tests:

This test standard covers the determination of the tensile properties of unreinforced and reinforced plastics in the form of standard dumbbell-shaped test specimens.

ACCORDING TO ASTM D6414 Flexural Test of Supported Sandwich Composite Plates-tests:

This test standard determines the two-dimensional flexural properties of sandwich composite plates subjected to a distributed load.

ACCORDING TO ASTM D6415 Curved Beam Strength of a Fiber-Reinforced Polymer-Matrix Composite-tests:

This test standard determines the curved beam strength of a continuous fiber-reinforced composite material using a 90 curved beam specimen

ACCORDING TO ASTM D6416 Flexural Testing of Supported Sandwich Composite Plates-tests:

This test standard determines the two-dimensional flexural properties of sandwich composite plates subjected to a distributed load.

ACCORDING TO ASTM D642 Compressive Resistance of Shipping Containers, Components, and Unit Loads-tests:

This test standard covers compression tests on shipping containers (for example, boxes and drums) or components, or both. Shipping containers may be tested with or without contents. The procedure may...

ACCORDING TO ASTM D6464 Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing-tests:

Expandable foam adhesives intended for bonding back surfaces of gypsum wallboards of all thicknesses to wood framing.

ACCORDING TO ASTM D6484 Compression Strength Test of Polymer Matrix Composite Laminates-tests:

This test procedure determines the open-hole compressive strength of multidirectional polymer matrix composite laminates reinforced by high-modulus fibers. The composite material forms are limited to continuous-fiber or discontinuous-fiber (tape or...

ACCORDING TO ASTM D6496 Bonding Peel Strength Between the Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners-tests:

This test standard covers the laboratory determination of the average bonding strength between the top and bottom layers of a sample of a geosynthetic clay liner (GCL).

ACCORDING TO ASTM D6548 Resistance to Mechanical Penetration of Sanitary Tissue Papers (Ball Burst Procedure)-tests:

This test standard describes the measurement of the resistance to mechanical penetration of sanitary tissue papers.

ACCORDING TO ASTM D6614 Stretch Properties of Textile Fabrics-tests:

This test standard covers the determination of the amount of fabric stretch and fabric growth after a specified extension and held for a specified time.

ACCORDING TO ASTM D6636 Ply Adhesion Strength of Reinforced Geomembranes-tests:

This test standard covers the measurement of the adhesion strength (180 peel) between plies of reinforced geomembranes such as internally reinforced geomembranes and coated fabrics.

ACCORDING TO ASTM D6637 Single or Multi-Rib Tensile Test of Geogrids-tests:

This test standard covers the determination of the tensile strength properties of geogrids by subjecting strips of varying width to tensile loading.

ACCORDING TO ASTM D6641 Compression Test of Composite Materials Using Combined Loading-tests:

This test standard determines the compressive strength and stiffness properties of polymer matrix composite materials using a combined loading compression (CLC) (1) test fixture. This test standard is applicable to...

ACCORDING TO ASTM D6671 Mixed Mode Interlaminar Fracture Strength Test of Unidirectional Fiber Reinforced Polymer Matrix Composites-tests:

This test standard describes the determination of interlaminar fracture toughness, G_c , of continuous fiber-reinforced composite materials at various Mode I to Mode II loading ratios using the Mixed-Mode Bending Test.

ACCORDING TO ASTM D6693 Tensile Test of Geomembranes-tests:

This test standard covers the determination of the tensile properties of nonreinforced geomembranes in the form of standard dumbbell-shaped test specimens when tested under defined conditions of pretreatment, temperature, and...

ACCORDING TO ASTM D6720 Stretch Test of Stretch Yarns-tests:

This test standard covers the determination of the recoverable stretch of commercial textured yarns, covered elastomeric yarns and other stretch yarns using skeins.

ACCORDING TO ASTM D6723 Fracture Properties of Asphalt Binder in Direct Tension (DT)-tests:

This test standard covers the determination of the failure strain and failure stress of asphalt binders by means of a direct tension test. It can be used with unaged material...

ACCORDING TO ASTM D6768 Tensile Strength Testing of Geosynthetic Clay Liners-tests:

The test standard establishes the procedures for the measurement of tensile strength of Geosynthetic Clay Liner.

ACCORDING TO ASTM D6775 Tensile Tests of Textile Webbing, Tape and Braided Materials-tests:

This test standard covers the determination of the breaking strength and elongation of textile webbing, tape and braided materials using a split-drum type specimen clamp.

ACCORDING TO ASTM D6804 Hand Hold design in Corrugated Boxes-tests:

This standard provides guidelines for hand holes in corrugated boxes during manual handling of boxed cargo.

ACCORDING TO ASTM D6815 Load and Creep Effects of Wood and Wood-Based Products-tests:

This specification provides a procedure for testing and evaluating duration of load and creep effects of wood and wood-based materials relative to an accepted duration of load adjustment model -...

ACCORDING TO ASTM D6818 Tensile Test of Turf Reinforcement Mats-tests:

This test standard covers strip test procedures for determining the tensile properties of Turf Reinforcement Mats.

ACCORDING TO ASTM D6862 90 Degree Peel Resistance of Adhesives-tests:

This test standard covers the determination of the resistance-to-peel strength of an adhesive bond between one rigid adherend and one flexible adherend when tested at an angle of approximately 90...

ACCORDING TO ASTM D695 Compression Test of Rigid Plastic-tests:

This test standard covers the determination of the mechanical properties of unreinforced and reinforced rigid plastics, including high-modulus composites, when loaded in compression at relatively low uniform rates of straining...

ACCORDING TO ASTM D6992 Accelerated Creep Test of Geosynthetic Materials-tests:

This test standard covers accelerated testing for tensile creep, and tensile creep-rupture properties using the Stepped Isothermal Standard.

ACCORDING TO ASTM D7003 Tensile Test of Reinforced Geomembranes-tests:

This test standard is used to measure the strip tensile properties of reinforced geomembranes.

ACCORDING TO ASTM D7004 Tensile Test of Reinforced Geomembranes-tests:

This test standard is used to measure the grab tensile properties of reinforced geomembranes.

ACCORDING TO ASTM D7005 Bond Strength (Ply Adhesion) of Geocomposites-tests:

This index test standard defines a procedure for comparing the bond strength or ply adhesion of geocomposites.

ACCORDING TO ASTM D7012 Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures-tests:

ACCORDING TO ASTM D7030 Creep Performance of Corrugated Fiberboard Containers Under Constant Load-tests:

This test standard covers determining the resistance of an empty paper corrugated shipping container to a vertically applied constant compression load for a specified time - includes palletized or unitized...

ACCORDING TO ASTM D7033 Oriented Strand Board (OSB) Wood-Based Structural-Use Panels-tests:

This practice covers the basis for code recognition of design capacities for OSB structural-use panels.

ACCORDING TO ASTM D7056 Tensile Shear - Bituminous Geomembrane-tests:

This test standard presents the procedures used for determining the quality of prefabricated bituminous geomembrane (PBG) bonded seams subjected to a shear test. It describes a destructive quality control test...

ACCORDING TO ASTM D7078 Shear Testing of Composite Materials by V-Notched Rail Shear Standard-tests:

This test standard covers the determination of the shear properties of high-modulus fiber-reinforced composite materials by clamping the ends of a V-notched specimen between two pairs of loading rails.

ACCORDING TO ASTM D7137 Compressive Residual Strength Properties of Damaged Polymer Matrix Composite Plates-tests:

The standard utilizes a flat, rectangular composite plate, previously subjected to a damaging event, which is tested under compressive loading using a stabilization fixture.

ACCORDING TO ASTM D7142 Holding Strength of Prong-Ring Attached Snap Fasteners-tests:

This test standard covers the determination of the holding strength of a prong-ring to the socket or stud of a snap fastener using a tensile testing machine

ACCORDING TO ASTM D7147 Allowable Loads of Joist Hangers-tests:

This specification covers a procedure for evaluating metal devices used for wood-to-wood, wood-to-concrete, wood-to-concrete masonry, and wood-to-steel connections. This standard is intended for use with devices used to connect joists,...

ACCORDING TO ASTM D7205 Tensile Test of Fiber Reinforced Polymer Matrix Composite Bars-tests:

This test standard determines the quasi-static longitudinal tensile strength and elongation properties of fiber reinforced polymer matrix composite bars commonly used as tensile elements in reinforced, prestressed, or post-tensioned concrete.

ACCORDING TO ASTM D7248 Bearing/Bypass Interaction Response of Polymer Matrix Composite Laminates-tests:

This test standard determines the uniaxial bearing/bypass interaction response of multi-directional polymer matrix composite laminates reinforced by high-modulus fibers by either double-shear tensile loading or single-shear tensile or compressive loading...

ACCORDING TO ASTM D7267 Edge Ravel Resistance of Finished Loop Pile, Pile Yarn Floor Covering-tests:

This test standard covers the determination of the force required to ravel a yarn from the edge of a loop pile, tufted, carpet.

ACCORDING TO ASTM D7269 Tensile Testing of Aramid Yarns-tests:

These test standards cover the tensile testing of aramid yarns, cords twisted from such yarns, and fabrics woven from such cords. The yarn or cord may be wound on cones,...

ACCORDING TO ASTM D7275 Tensile Test of Bituminous Geomembranes-tests:

ACCORDING TO ASTM D7291 Tensile Strength Testing of Fiber-Reinforced Polymer Matrix Composites-tests:

This test standard determines the through-thickness "flatwise" tension strength and elastic modulus of fiber reinforced polymer matrix composite materials. A tensile force is applied normal to the plane of the...

ACCORDING TO ASTM D732 Shear Strength Test for Plastic by Punch tool-tests:

This test standard covers the procedure for determining the shear strength of composite materials in the form of sheets, plates, and molded shapes in thicknesses from 1.27 to 12.7 mm...

ACCORDING TO ASTM D7506 Pocket Reinforcement-tests:

This test standard employs the grab procedures used to determine localized weakness due to bar-tacking in the pocket areas of all types of garments such as shirts, including the side...

ACCORDING TO ASTM D751 Coated Fabrics-tests:

These standards cover, but are not limited to, rubber-coated fabrics, that is, tarpaulins, rainwear, and similar products.

ACCORDING TO ASTM D76 Specifications for Tensile Test Machines for Textiles-tests:

ACCORDING TO ASTM D76 covers the operating characteristics of three types of tensile testing machines used for the determination of the force-elongation properties of textile materials.

ACCORDING TO ASTM D882 Tensile Test of Thin Plastic Sheeting; Film-tests:

This test standard covers the determination of tensile properties of plastics in the form of thin sheeting and films (less than 1.0 mm (0.04 in.) in thickness).

ACCORDING TO ASTM D885 Standards for Testing Tire Cords, Tire Cord Fabrics, and Industrial Filament Yarns-tests:

ACCORDING TO ASTM D897 Tensile Test - Adhesive Bonds-tests:

This test procedure covers the determination of the comparative tensile properties of the adhesive bonds of metal to metal when tested on standard shape specimens and under defined conditions of...

ACCORDING TO ASTM D903 Peel or Stripping Strength of Adhesive Bonds-tests:

This test standard covers the determination of the comparative peel or stripping characteristics of adhesive bonds

ACCORDING TO ASTM D905 Shear Test of Adhesive Bonds by Compression Loading-tests:

ACCORDING TO ASTM D905 covers the determination of the comparative shear strengths of adhesive bonds used for bonding wood and other similar materials, when tested on a standard specimen under specified conditions..