

ASTM Volume 15.06, August 2017

Adhesives

Table of Contents

C557-03(2017) Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing

D896-04(2010)e1 Standard Practice for Resistance of Adhesive Bonds to Chemical Reagents

D897-08(2016) Standard Test Method for Tensile Properties of Adhesive Bonds

D899-00(2013) Standard Practice for Applied Weight Per Unit Area of Liquid Adhesive

D903-98(2010) Standard Test Method for Peel or Stripping Strength of Adhesive Bonds

D904-99(2013) Standard Practice for Exposure of Adhesive Specimens to Artificial Light

D905-08(2013) Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading

D906-98(2011) Standard Test Method for Strength Properties of Adhesives in Plywood Type Construction in Shear by Tension Loading

D907-15 Standard Terminology of Adhesives

D950-03(2011) Standard Test Method for Impact Strength of Adhesive Bonds

D1002-10 Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)

D1062-08(2015) Standard Test Method for Cleavage Strength of Metal-to-Metal Adhesive Bonds

D1084-16 Standard Test Methods for Viscosity of Adhesives

D1101-97a(2013) Standard Test Methods for Integrity of Adhesive Joints in Structural Laminated Wood Products for Exterior Use

D1144-99(2016) Standard Practice for Determining Strength Development of Adhesive Bonds

D1146-00(2013) Standard Test Method for Blocking Point of Potentially Adhesive Layers

D1151-00(2013) Standard Practice for Effect of Moisture and Temperature on Adhesive Bonds

D1183-03(2011) Standard Practices for Resistance of Adhesives to Cyclic Laboratory Aging Conditions

D1184-98(2012) Standard Test Method for Flexural Strength of Adhesive Bonded Laminated Assemblies

D1304-99(2012) Standard Test Methods for Adhesives Relative to Their Use as Electrical Insulation

D1337-10(2016) Standard Practice for Storage Life of Adhesives by Viscosity and Bond Strength

D1338-99(2016) Standard Practice for Working Life of Liquid or Paste Adhesives by Consistency and Bond Strength

D1488-00(2013) Standard Test Method for Amylaceous Matter in Adhesives

D1489-09(2016) Standard Test Method for Nonvolatile Content of Aqueous Adhesives

D1490-01(2013) Standard Test Method for Nonvolatile Content of Urea-Formaldehyde Resin Solutions

D1579-01(2013) Standard Test Method for Filler Content of Phenol, Resorcinol, and Melamine Adhesives

D1582-98(2011) Standard Test Method for Nonvolatile Content of Liquid Phenol, Resorcinol, and Melamine Adhesives

D1583-01(2013) Standard Test Method for Hydrogen Ion Concentration of Dry Adhesive Films

D1779-98(2011) Standard Specification for Adhesive for Acoustical Materials

D1780-05(2012) Standard Practice for Conducting Creep Tests of Metal-to-Metal Adhesives

D1781-98(2012) Standard Test Method for Climbing Drum Peel for Adhesives

D1828-01(2013) Standard Practice for Atmospheric Exposure of Adhesive-

Bonded Joints and Structures

D1875-03(2013) Standard Test Method for Density of Adhesives in Fluid Form

D1876-08(2015)e1 Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)

D1879-06(2014) Standard Practice for Exposure of Adhesive Specimens to Ionizing Radiation

D1995-92(2011) Standard Test Methods for Multi-Modal Strength Testing of Autohesives (Contact Adhesives)

D2093-03(2017) Standard Practice for Preparation of Surfaces of Plastics Prior to Adhesive Bonding

D2094-00(2014) Standard Practice for Preparation of Bar and Rod Specimens for Adhesion Tests

D2095-96(2015) Standard Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens

D2293-96(2016) Standard Test Method for Creep Properties of Adhesives in Shear by Compression Loading (Metal-to-Metal)

D2294-96(2016) Standard Test Method for Creep Properties of Adhesives in Shear by Tension Loading (Metal-to-Metal)

D2295-96(2016) Standard Test Method for Strength Properties of Adhesives in Shear by Tension Loading at Elevated Temperatures (Metal-to-Metal)

D2339-98(2011) Standard Test Method for Strength Properties of Adhesives in Two-Ply Wood Construction in Shear by Tension Loading

D2556-14 Standard Test Method for Apparent Viscosity of Adhesives Having Shear-Rate-Dependent Flow Properties Using Rotational Viscometry

D2557-98(2010)e1 Standard Test Method for Tensile-Shear Strength of Adhesives in the Subzero Temperature Range from -267.8 to -55°C (-450 to -67°F)

D2559-12ae1 Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions

D2651-01(2016) Standard Guide for Preparation of Metal Surfaces for Adhesive Bonding

D2674-72(2012) Standard Methods of Analysis of Sulfochromate Etch Solution Used in Surface Preparation of Aluminum

D2739-97(2010) Standard Test Method for Volume Resistivity of Conductive Adhesives

D2851-15 Standard Specification for Liquid Optical Adhesive

D2918-99(2012) Standard Test Method for Durability Assessment of Adhesive Joints Stressed in Peel

D2919-01(2014) Standard Test Method for Determining Durability of Adhesive Joints Stressed in Shear by Tension Loading

D3163-01(2014) Standard Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Loading

D3164-03(2017) Standard Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading

D3165-07(2014) Standard Test Method for Strength Properties of Adhesives in Shear by Tension Loading of Single-Lap-Joint Laminated Assemblies

D3166-99(2012) Standard Test Method for Fatigue Properties of Adhesives in Shear by Tension Loading (Metal/Metal)

D3167-10 Standard Test Method for Floating Roller Peel Resistance of Adhesives

D3310-00(2014) Standard Test Method for Determining Corrosivity of Adhesive Materials

D3433-99(2012) Standard Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Metal Joints

D3434-00(2013) Standard Test Method for Multiple-Cycle Accelerated Aging Test (Automatic Boil Test) for Exterior Wet Use Wood Adhesives

D3482-07a(2014) Standard Practice for Determining Electrolytic Corrosion of Copper by Adhesives

D3498-03(2011) Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems

D3528-96(2016) Standard Test Method for Strength Properties of Double Lap Shear Adhesive Joints by Tension Loading

D3535-07a(2013) Standard Test Method for Resistance to Creep Under Static

Loading for Structural Wood Laminating Adhesives Used Under Exterior Exposure Conditions

D3632-98(2011) Standard Test Method for Accelerated Aging of Adhesive Joints by the Oxygen-Pressure Method

D3658-01(2016) Standard Test Method for Determining the Torque Strength of Ultraviolet (UV) Light-Cured Glass/Metal Adhesive Joints

D3762-03(2010) Standard Test Method for Adhesive-Bonded Surface Durability of Aluminum (Wedge Test)

D3807-98(2012) Standard Test Method for Strength Properties of Adhesives in Cleavage Peel by Tension Loading (Engineering Plastics-to-Engineering Plastics)

D3808-01(2013) Standard Test Method for Qualitative Determination of Adhesion of Adhesives to Substrates by Spot Adhesion

D3929-03(2015) Standard Test Method for Evaluating Stress Cracking of Plastics by Adhesives Using the Bent-Beam Method

D3930-08(2015) Standard Specification for Adhesives for Wood-Based Materials for Construction of Manufactured Homes

D3931-08(2015) Standard Test Method for Determining Strength of Gap-Filling Adhesive Bonds in Shear by Compression Loading

D3933-98(2010) Standard Guide for Preparation of Aluminum Surfaces for Structural Adhesives Bonding (Phosphoric Acid Anodizing)

D3983-98(2011) Standard Test Method for Measuring Strength and Shear Modulus of Nonrigid Adhesives by the Thick-Adherend Tensile-Lap Specimen

D4027-98(2011) Standard Test Method for Measuring Shear Properties of Structural Adhesives by the Modified-Rail Test

D4300-01(2013) Standard Test Methods for Ability of Adhesive Films to Support or Resist the Growth of Fungi

D4317-16 Standard Specification for Polyvinyl Acetate-Based Emulsion Adhesives

D4338-97(2016) Standard Test Method for Flexibility Determination of Supported Adhesive Films by Mandrel Bend

D4339-01(2013) Standard Test Method for Determination of the Odor of Adhesives

D4426-01(2013) Standard Test Method for Determination of Percent Nonvolatile Content of Liquid Phenolic Resins Used for Wood Laminating

D4501-01(2014) Standard Test Method for Shear Strength of Adhesive Bonds Between Rigid Substrates by the Block-Shear Method

D4502-92(2011) Standard Test Method for Heat and Moisture Resistance of Wood-Adhesive Joints

D4562-01(2013) Standard Test Method for Shear Strength of Adhesives Using Pin-and-Collar Specimen

D4680-98(2011) Standard Test Method for Creep and Time to Failure of Adhesives in Static Shear by Compression Loading (Wood-to-Wood)

D4688/D4688M-14 Standard Test Method for Evaluating Structural Adhesives for Finger Jointing Lumber

D4689-12 Standard Specification for Adhesive, Casein-Type

D4690-12 Standard Specification for Urea-Formaldehyde Resin Adhesives

D4783-01(2013) Standard Test Methods for Resistance of Adhesive Preparations in Container to Attack by Bacteria, Yeast, and Fungi

D4800-94(2015) Standard Guide for Classifying and Specifying Adhesives

D4896-01(2016) Standard Guide for Use of Adhesive-Bonded Single Lap-Joint Specimen Test Results

D5040-90(2016) Standard Test Methods for Ash Content of Adhesives

D5041-98(2012) Standard Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Joints

D5113-97(2016) Standard Test Method for Determining Adhesive Attack on Rigid Cellular Foam

D5215-93(2012) Standard Test Method for Instrumental Evaluation of Staining of Vinyl Flooring by Adhesives

D5266-13 Standard Practice for Estimating the Percentage of Wood Failure in Adhesive Bonded Joints

D5267-97(2012) Standard Test Method for Determination of Extrudability of Cartridge Adhesives

D5363-16 Standard Specification for Anaerobic Single-Component Adhesives (AN)

D5572-95(2012) Standard Specification for Adhesives Used for Finger Joints in Nonstructural Lumber Products

D5573-99(2012) Standard Practice for Classifying Failure Modes in Fiber-Reinforced-Plastic (FRP) Joints

D5574-94(2012) Standard Test Methods for Establishing Allowable Mechanical Properties of Wood-Bonding Adhesives for Design of Structural Joints

D5648-01(2014) Standard Test Method for Torque-Tension Relationship of Adhesives Used on Threaded Fasteners (Lubricity)

D5649-15 Standard Test Method for Torque Strength of Adhesives Used on Threaded Fasteners

D5656-10 Standard Test Method for Thick-Adherend Metal Lap-Shear Joints for Determination of the Stress-Strain Behavior of Adhesives in Shear by Tension Loading

D5657-07(2014) Standard Test Method for Fluid Tightness Ability of Adhesives Used on Threaded Fasteners

D5751-99(2012) Standard Specification for Adhesives Used for Laminate Joints in Nonstructural Lumber Products

D5824-98(2011) Standard Test Method for Determining Resistance to Delamination of Adhesive Bonds in Overlay-Wood Core Laminates Exposed to Heat and Water

D5868-01(2014) Standard Test Method for Lap Shear Adhesion for Fiber Reinforced Plastic (FRP) Bonding

D6004-04(2011) Standard Test Method for Determining Adhesive Shear Strength of Carpet Adhesives

D6005-03(2017) Standard Test Method for Determining Slump Resistance of Carpet Adhesives

D6105-04(2012) Standard Practice for Application of Electrical Discharge Surface Treatment (Activation) of Plastics for Adhesive Bonding

D6325-98(2011) Test Method for Determining Open Assembly Time of Carpet Mastic Adhesives

D6396-99(2012) Standard Test Method for Testing of Pipe Thread Sealants on Pipe Tees

D6411/D6411M-99(2012) Standard Specification For Silicone Rubber Room Temperature Vulcanizing Low Outgassing Materials

D6412/D6412M-99(2012) Standard Specification For Epoxy (Flexible) Adhesive For Bonding Metallic And Nonmetallic Materials

D6464-03a(2017) Standard Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing

D6465-99(2016) Standard Guide for Selecting Aerospace and General Purpose Adhesives and Sealants

D6862-11(2016) Standard Test Method for 90 Degree Peel Resistance of Adhesives

D7149-05(2016) Standard Practice for Determining the Freeze Thaw Stability of Adhesives

D7247-16 Standard Test Method for Evaluating the Shear Strength of Adhesive Bonds in Laminated Wood Products at Elevated Temperatures

D7446-09(2017) Standard Specification for Structural Insulated Panel (SIP) Adhesives for Laminating Oriented Strand Board (OSB) to Rigid Cellular Polystyrene Thermal Insulation Core Materials

D7447-08(2014) Standard Practice for Symbolizing Adhesive Applications

D7532-09(2016) Standard Practice for Determination of Re-tack Ability of Carpet Adhesives

D7799-12a Standard Specification for Tufted and Woven Broadloom Carpet Adhesives Without Homogenous PVC or Non-PVC Backings

D7888-13 Standard Practice for Evaluating Adhesive and the Effects of Plasticizer Found Within Polyvinyl Chloride-Backed Floor Coverings

D7966/D7966M-16 Standard Test Method for Resistance to Creep of Adhesives in Static Shear by Compression Loading (Wood-to-Wood)

D7998-15 Standard Test Method for Measuring the Effect of Temperature on the Cohesive Strength Development of Adhesives using Lap Shear Bonds under Tensile Loading