TESTING AND CALIBRATION LABORATORY ACCREDITATION
PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 40

Legal Name of Accredited Laboratory: GROUPE CTT INC. / CTT GROUP INC.

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<table>
<thead>
<tr>
<th>SCC File Number:</th>
<th>15056</th>
</tr>
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<tbody>
<tr>
<td>Provider:</td>
<td>BNQ-EL</td>
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<tr>
<td>Provider File Number:</td>
<td>26950-1</td>
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<tr>
<td>Accreditation Standard(s):</td>
<td>ISO/IEC 17025:2005</td>
</tr>
<tr>
<td>Fields of Testing:</td>
<td>Chemical/Physical, Mechanical/Physical, Thermal &amp; Fire Resistance</td>
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<td>Initial Accreditation:</td>
<td>1987-08-13</td>
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<td>Most Recent Accreditation:</td>
<td>2020-08-31</td>
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<tr>
<td>Accreditation Valid to:</td>
<td>2021-05-11</td>
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Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.
Note: This scope of accreditation is also available in French as a separately issued document.
ANIMAL AND PLANTS (AGRICULTURE)

Animal and Fishery Products (except food):

Leathers

| ASTM D2212 | Standard Test Method for Slit Tear Resistance of Leather |

Soils

| ASTM D3080 | Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions |
| ASTM D422  | Standard Test Method for Particle-Size Analysis of Soils |

CONSTRUCTION

(geosynthetics)

| ASTM D1203 | Test Method for Volatile Loss from Plastic Film Using activated Carbon |
| ASTM D1593 | Specification for Nonrigid Vinyl Chloride Plastic Sheeting (thickness) |
| ASTM D3083 | Specification for Flexible Poly (Vinyl Chloride) Plastic Sheeting for Pond, Canal and Reservoir Lining Only for: Tensile Strength, Water Extraction, Tear Resistance, Shrinkage, Thickness, Soil Burial |
| ASTM D4218 | Standard Test Method for Determination of Carbon Black Content in Polyethylene Compounds By the Muffle-Furnace Technique |
| ASTM D4355 | Standard Test Method for Deterioration of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus) |
| ASTM D4437-99 | Standard Practice for Determining the Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes |
| ASTM D4491 | Standard Test Method for Water Permeability of Geotextiles by Permittivity |
| ASTM D4533 | Standard Test Method for Trapezoid Tearing Strength of Geotextiles |
| ASTM D4545 | Standard Practice for Determining the Integrity of Factory Seams Used in Joining Manufactured Flexible Sheet Geomembranes |
| ASTM D4632 | Standard Test Method for Grab Breaking Load and Elongation of Geotextiles |
| ASTM D4716 | Test Method for Determining the (In-plane) Floe Rate per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head |
| ASTM D4751 | Standard Test Method for Determining Apparent Opening Size of a Geotextile |
ASTM D4884  Standard Test Method for Strength of Sewn or Thermally Bonded Seams of Geotextiles
ASTM D4885  Standard Test Method for Determining Performance Strength of Geomembranes by the Wide Strip Tensile Method
ASTM D5101  Standard Test Method for Measuring the Soil-Geotextile System Clogging Potential by the Gradient Ratio
ASTM D5199  Standard Test Method for Measuring the Nominal Thickness of Geosynthetics
ASTM D5261  Standard Test Method for Measuring Mass per Unit Area of Geotextiles
ASTM D5321  Standard Test Method for Determining the Coefficient of Soil and Geosynthetic or Geosynthetic and Geosynthetic Friction by the Direct Shear Method
ASTM D5493  Standard Test Method for Permittivity of Geotextiles Under Load
ASTM D5514  Standard Test Method for Large Scale Hydrostatic Puncture Testing of Geosynthetics
ASTM D5617  Standard Test Method for Multi-Axial Tension Test for Geosynthetics
ASTM D5721  Standard Practice for Air-Oven Aging of Polyolefin Geomembranes
ASTM D5747  Standard Practice for Tests to Evaluate the Chemical Resistance of Geomembranes to Liquids
ASTM D5885  Standard Test Method for Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry
ASTM D5993  Standard Test Method for Measuring Mass per Unit of Geosynthetic Clay Liners
ASTM D5994  Standard Practice for Measuring Core Thickness of Textured Geomembrane
ASTM D6140  Standard Test Method to Determine Asphalt Retention of Paving Fabrics Used in Asphalt Paving for Full-Width Applications
ASTM D6241  Standard Test Method for the Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe
ASTM D6243  Standard Test Method for Determining the Internal and Interface Shear Resistance of Geosynthetic Clay Liner by the Direct Shear Method
ASTM D6364  Standard Test Method for Determining the Short-Term Compression Behavior of Geosynthetics
ASTM D6392 Standard Test Method for Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods
ASTM D6496 Standard Test Method for Determining Average Bonding Peel Strength Between the Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners
ASTM D6567 Standard Test Method for Measuring the Light Penetration of a Turf Reinforcement Mat (TRM)
ASTM D6574 Test Method for Determining the (In-Plane) Hydraulic Transmissivity of a Geosynthetic by Radial Flow
ASTM D6637 Standard Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method
ASTM D6693 Standard Test Method for Determining Tensile Properties of Nonreinforced Polyethylene and Nonreinforced Flexible Polypropylene Geomembranes
ASTM D6707 Standard Specification for Circular-Knit Geotextile for Use in Subsurface Drainage Applications
ASTM D6767 Standard Test Method for Pore Size Characteristics of Geotextiles by Capillary Flow Test
ASTM D6768 Standard Test Method for Tensile Strength of Geosynthetic Clay Liners
ASTM D7003 Test Method for Strip Tensile Properties of Reinforced Geomembranes
ASTM D7004 Test Method for Grab Tensile Properties of Reinforced Geomembranes
ASTM D7005 Test Method for Determining the Bond Strength (Ply Adhesion) of Geocomposites
ASTM D7056 Standard Test Method for Determining the Tensile Shear Strength of Pre Fabricated Bituminous Geomembrane Seams
ASTM D7179 Determining Geonet Breaking Force
ASTM D7238 Standard Test Method for Effect of Exposure of Unreinforced Polyolefin Geomembrane Using Fluorescent UV Condensation Apparatus
ASTM D7272 Standard Test Method for Determining the Integrity of Seams Used in Joining Geomembranes by Pre-manufactured Taped Methods
ASTM D7274 Standard Test Method for Mineral Stabilizer
ASTM D7275 Standard Test Method for Tensile Properties of Bituminous Geomembranes (BGM)
ASTM D7466 Standard Test Method for Measuring the Asperity Height of Textured Geomembrane
ASTM D7737 Standard Test Method for Individual Geogrid Junction Strength
ASTM D7747 Standard Test Method for Determining Integrity of Seams Produced Using Thermo-Fusion Methods for Reinforced Geomembranes by the Strip Tensile Method
ASTM D7748 Standard Test Method for Flexural Rigidity of Geogrids, Geotextiles and Related Products
ASTM D7749  Standard Test Method for Determining Integrity of Seams Produced Using Thermo-Fusion Methods for Reinforced Geomembranes by the Grab Method

ASTM E154  Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

BNQ 3624-110  Tuyaux annelés semi-rigides et raccords en thermoplastique, de diamètre égal ou supérieur à 300mm, pour l'évacuation des eaux de surface et l'égout pluvial

BNQ 3624-115  Tuyaux et raccords en polyéthylène (PE) - Tuyaux annelés flexibles pour le drainage - Caractéristiques et méthodes d'essais

BNQ 3624-120  Tuyaux annelés à intérieur lisse et raccords en plastique PE ou PP pour l'évacuation des eaux pluviales

CAN/CGSB 148.1-10  Geotextiles - Filtration Opening Size

CAN/CGSB 148.1-14  Stiffness of Geotextiles

CAN/CGSB 148.1-2  Mass per Unit Area (geotextiles and geomembranes)

CAN/CGSB 148.1-3  Thickness of Geotextiles

CAN/CGSB 148.1-4  Geotextiles - Normal Water Permeability Under No Compressive Load

CAN/CGSB 148.1-7.3  Grab Tensile Test for Geotextiles

EN 12226  Geotextiles and Geotextiles-Related Products-General Tests for Evaluation Following Durability Testing

EN 12447  Geotextiles and geotextile-related products - Screening test method for determining the resistance to hydrolysis in water

EN 13562  Géotextiles et produits apparentés - Détermination de la résistance à la pénétration d'eau (essai sous pression hydrostatique)

EN 14030  Geotextiles and geotextile-related products - Screening test method for determining the resistance to acid and alkaline liquids

EN 14575  Geosynthetic barriers - Screening test method for determining the resistance to oxidation

EN 14576  Geosynthetics-Test methods for determining the resistance of polymeric geosynthetic barriers to environmental stress cracking

EN 918  Geotextiles and geotextile-related products : Dynamic perforation test (cone drop test)

EN 964-1  Geotextiles and geotextile-related products : Determination of thickness at specified pressures  Part 1: Single layers (A-2 kPa)

EN 965  Geotextiles and geotextile-related products – Determination of mass per unit area

EN ISO 13433  Geosynthetics - Dynamic perforation test (cone drop test)

EN ISO 13438  Geotextiles and geotextile-related products - Screening test method for determining the resistance to oxidation

EPA 600/2-88/052  Lining of Waste Containment And Other Impoundment Facilities (Only for: Appendix E: Procedure for determination of the extractables content of exposed and unexposed FMLS)

EPA 9090A  Compatibility test for wastes and membrane liners

FGI 1115 and PGI 1104  PVC Geomembrane Specifications

FTMS 101C-2065  Puncture Resistance (1/8 inch radius probe method)

FTMS 101C-2065.1  Puncture Resistance (1/8 inch radius probe method)

GRI GG1  Geogrid Rib Tensile Strength

GRI GG2  Geogrid Junction Strength
GRI GM11 Accelerated Weathering of Geomembranes Using a Fluorescent UVA Device
GRI GM12 Asperity Measurement of Textured Geomembranes Using a Depth Gage
ISO 10319 Geotextiles - Wide-width tensile test (as per NF EN ISO 10319)
ISO 10321 Geotextiles - Tensile test for joints/seams by wide-width method (as per NF EN ISO 10321)
ISO 11058 Geotextiles and geotextile-related products -- Determination of water permeability characteristics normal to the plane, without load
ISO 12236 Geotextiles and geotextile-related products - Static puncture test (CBR test) (as per NF EN ISO 12236)
ISO 12956 Geotextiles and geotextile-related products - Determination of the characteristic opening size (as per NF EN ISO 12956)
ISO 12957-1 Geosynthetics - Determination of friction characteristics - Part 1 : Direct shear test
ISO 12958 Geotextiles and geotextile-related products -- Determination of water flow capacity in their plane
ISO 13433 Geosynthetics - Dynamic perforation test (cone drop test)
ISO 13438 Geotextiles and geotextile-related products - Screening test method for determining the resistance to oxidation
ISO 9863 Geotextiles -- Determination of thickness at specified pressures
ISO 9863-1 Geosynthetics-Determination of thickness at specified pressures-Part 1: Single layers
ISO 9864 Geotextiles -- Determination of mass per unit area
NF EN 14576 Geosynthetics-Test methods for determining the resistance of polymeric geosynthetic barriers to environmental stress cracking
NF EN 918 Geotextiles and geotextile-related products : Dynamic perforation test (cone drop test)
NF EN 964-1 Geotextiles and geotextile-related products : Détermination of thickness at specified pressures - Part 1: Single layers (A-2 kPa)
NF EN 965 Geotextiles and geotextile-related products - Determination of mass per unit area
NF G38-016 Disc. Textiles - Articles à usages industriels - Essais des géotextiles - Mesure de la permittivité hydraulique
NF G38-017 Disc. Textiles - Articles à usages industriels - Essais des géotextiles - Porométrie : détermination de l'ouverture de filtration
NF G38-018 Disc. Textiles - Articles à usages industriels - Essais des géotextiles - mesure de la transmissivité hydraulique
NF G38-019 Textiles - Articles à usages industriels - Essais des géotextiles - Détermination de la résistance au poinçonnement
NF P84-501 Géomembranes - Dispositif d’étanchéité par géomembranes (DEG) - Détermination des caractéristiques en traction
NF P84-502-1 Géomembranes - Essais sur joints - Partie 1 : détermination des caractéristiques en traction-cisaillément
NF P84-502-2 Géomembranes - Essais sur joints - Partie 2 : détermination de la résistance en traction-pelage
NF P84-505 Géomembranes - Mesure de l'angle de frottement "géomembrane-sable normal" à la boîte de cisaillement
NF P84-507 Essais des géomembranes - Détermination de la résistance au poinçonnement statique des géomembranes et des dispositifs
Construction Materials (excluding textile products):

Floor Coverings (See also FIBRE, METAL, ELAS and WOOD Sections)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
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<tbody>
<tr>
<td>ASTM C1378</td>
<td>Standard Test Method for Determination of Resistance to Staining</td>
</tr>
<tr>
<td>ASTM D3936</td>
<td>Standard Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering</td>
</tr>
<tr>
<td>ASTM D418</td>
<td>Standard Methods of Testing Pile Yarn Floor Covering Construction</td>
</tr>
<tr>
<td>ASTM D5793</td>
<td>Standard Test Method for Binding Sites Per Unit Length or Width of Pile Yarn Floor Coverings</td>
</tr>
<tr>
<td>ASTM D5823</td>
<td>Standard Test Method for Tuft Height of Pile Floor Coverings</td>
</tr>
<tr>
<td>ASTM D5848</td>
<td>Standard Test Method for Mass Per Unit Area of Pile Yarn Floor Coverings</td>
</tr>
<tr>
<td>ASTM F1015</td>
<td>Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces</td>
</tr>
<tr>
<td>ASTM F150</td>
<td>Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring</td>
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<tr>
<td>ASTM F1914</td>
<td>Standard Test Methods for Short-Term Indentation and Residual Indentation of Resilient Floor Covering</td>
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<tr>
<td>ASTM F970</td>
<td>Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading</td>
</tr>
<tr>
<td>EN 12228</td>
<td>Surface for sports areas - Determination of joint strength of synthetic surfaces</td>
</tr>
<tr>
<td>EN 13744</td>
<td>Surfaces for sports areas-Procedur for accelerated ageing by immersion in hot water</td>
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<tr>
<td>NF EN 12228</td>
<td>Surface for sports areas - Determination of joint strength of synthetic surfaces</td>
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<tr>
<td>NF EN 13744</td>
<td>Surfaces for sports areas-Procedur for accelerated ageing by immersion in hot water</td>
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### Insulating Materials

<table>
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<tr>
<td>ASTM C1258</td>
<td>Standard Test Method for Elevated Temperature and Humidity Resistance of Vapor Retarders for Insulation</td>
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<tr>
<td>ASTM C203</td>
<td>Standard Test Method for Breaking Load and Flexural Properties of Block-Type Thermal Insulation</td>
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<tr>
<td>ASTM D3574</td>
<td>Standard Test Methods for Flexible Cellular Materials-Slab, Bonded, and Molded Urethane Foams («Test B» and «Test E» only)</td>
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<tr>
<td>CAN/ULC S706.1</td>
<td>Standard for Wood Fibre Insulating Boards for Buildings Except for: Air permeance, Surface burning, Thermal resistance</td>
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### Miscellaneous Construction Materials

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<tr>
<td>ASTM D3330</td>
<td>Standard Test Method for Peel-Adhesion of Pressure-Sensitive Tape</td>
</tr>
<tr>
<td>ASTM D3359</td>
<td>Standard Test Methods for Rating Adhesion by Tape Test</td>
</tr>
<tr>
<td>PSTC 101</td>
<td>Peel Adhesion of Pressure Sensitive Tape</td>
</tr>
<tr>
<td>PSTC 107</td>
<td>Shear Adhesion of Pressure Sensitive Tape</td>
</tr>
<tr>
<td>PSTC 5</td>
<td>Quick Stick of Pressure Sensitive Tape</td>
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### Roof Coverings

<table>
<thead>
<tr>
<th>Standard</th>
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<tr>
<td>ASTM D3462</td>
<td>Standard Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules</td>
</tr>
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ASTM D4073 Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes
ASTM D4434 Standard Specification for Poly(Vinyl Chloride) Sheet Roofing
ASTM D4521 Coefficient of Static Friction of Corrugated and Solid Fiberboard
ASTM D4798 Standard Practice for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Xenon-Arc Method)
   Except for: Bituminous Saturant
ASTM D5323 Practice for Testing Load-Strain Properties of Roofing Membranes
ASTM D5602 Standard Test Method for Static Puncture Resistance of Roofing Membrane Specimens
CAN/CGSB 37.54 Roofing and Waterproofing Membrane, Sheet Applied, Flexible, Polyvinyl Chloride
CAN/CGSB 37.58 Membrane, Elastomeric, Cold-Applied Liquid, for Non-Exposed Use in Roofing and Waterproofing
CAN/CGSB 37-GP-52M Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric
CAN/CGSB 37-GP-56M Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing
CSA A123.3 Asphalt Saturated Organic Roofing Felt
   Except for: Pliability, Resistance to liquid transmission
CSA A220.1 Installation of concrete roof tiles, (Section: Underlayment Materials)
EN 12311-1 Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of tensile properties
ICC-ES AC148 Acceptance Criteria For Flexible Flashing Materials
ICC-ES AC188 Acceptance Criteria For Roof Underlayments
ICC-ES AC207 Acceptance Criteria For Polypropylene Roof Underlayments
ICC-ES AC39 Acceptance Criteria For Walking Decks
ICC-ES AC48 Acceptance Criteria For Roof Underlayment for Use in Severe Climate Areas

Vapour Barriers, Water Proofing Membranes

ASTM D2939  Standard Test Methods for Emulsified Bitumens Used as Protective Coatings, (Section: Resistance to water)
ASTM D5385  Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes
CAN/CGSB-37.50  Hot-applied, Rubberized Asphalt for Roofing and Waterproofing Except for: Heat Stability, Toughness and Viscosity Test
CAN/CGSB-51.33  Vapour Barrier Sheet, excluding Polyethylene, for Use in Building Construction
CAN/CGSB-51.34  Pare-vapeur en feuille de polyéthylène pour bâtiments
CAN2-51.32  Sheathing Membrane, Breather Type
ICC-ES AC243  Acceptance Criteria For Composite Foundation Drainage Systems
ICC-ES AC279  Acceptance Criteria for Vinyl-Lined Residential Swimming Pools
ICC-ES AC29  Acceptance Criteria For Cold, Liquid-Applied, Below-Grade, Exterior Dampproofing And Waterproofing Materials
ICC-ES AC38  Acceptance Criteria for Water-Resistive Barriers - Polymeric-Based Barriers
ICC-ES Evaluation Guideline EG 114  Evaluation Guideline for rigid polyethylene, below grade, dampproofing and wall waterproofing material.

Other (specify):

(Geosynthetics)

See also tests listed in section ELASTOMERS AND PROTECTIVE AND COATINGS, sub-section Plastics, Resins & Rubbers and section TEXTILES & FIBROUS MATERIALS

ELASTOMERS AND PROTECTIVE AND COATINGS

Composites

ASTM C297  Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
ASTM C365  Standard Test Method for Flatwise Compressive Properties of Sandwich Cores
ASTM C393  Standard Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure
ASTM D1781  Standard Test Method for Climbing Drum Peel for Adhesives
ASTM D3171  Standard Test Methods for Constituent Content of Composite Materials (sauf pour: procédure H)
<table>
<thead>
<tr>
<th>Standard Test Method</th>
<th>Description</th>
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<tbody>
<tr>
<td>ASTM D3518</td>
<td>Standard Test Method for In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a ±45° Laminate</td>
</tr>
<tr>
<td>ASTM D5961</td>
<td>Standard Test Method for Bearing Response of Polymer Matrix Composite Laminates</td>
</tr>
<tr>
<td>ASTM D7028</td>
<td>Standard Test Method for Glass Transition Temperature (DMA Tg) of Polymer Matrix Composites by Dynamic Mechanical Analysis (DMA)</td>
</tr>
</tbody>
</table>

**Plastics, Resins and Rubbers:**

**Plastics**

<table>
<thead>
<tr>
<th>Standard Test Method</th>
<th>Description</th>
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<tbody>
<tr>
<td>ASTM D1002</td>
<td>Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)</td>
</tr>
<tr>
<td>ASTM D1003</td>
<td>Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics</td>
</tr>
<tr>
<td>ASTM D1004</td>
<td>Standard Test Method for Initial Tear Resistance of Plastic Film and Sheeting</td>
</tr>
<tr>
<td>ASTM D1042</td>
<td>Standard Test Method for Linear Dimensional Changes of Plastics Under Accelerated Service Conditions</td>
</tr>
<tr>
<td>ASTM D1044</td>
<td>Standard Test Method for Resistance of Transparent Plastics to Surface Abrasion</td>
</tr>
<tr>
<td>ASTM D1204</td>
<td>Standard Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature</td>
</tr>
<tr>
<td>ASTM D1238</td>
<td>Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer</td>
</tr>
<tr>
<td>ASTM D1239</td>
<td>Standard Test Method for Resistance of Plastic Films to Extraction by Chemicals</td>
</tr>
<tr>
<td>ASTM D1603</td>
<td>Standard Test Method for Carbon Black In Olefin Plastics</td>
</tr>
<tr>
<td>ASTM D1623</td>
<td>Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics</td>
</tr>
<tr>
<td>ASTM D1693</td>
<td>Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics</td>
</tr>
</tbody>
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ASTM D1709  Standard Test Methods for Impact Resistance of Plastic Film by the 
  Free-Falling Dart Method
  and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds
ASTM D1790  Standard Test Method for Brittleness Temperature of Plastic Sheeting by 
  Impact
ASTM D1894  Standard Test Method for Static and Kinetic Coefficients of Friction of 
  Film and Sheeting
ASTM D1922  Standard Test Method for Propagation Tear Resistance of Plastic Film 
  and Thin Sheeting by Pendulum Method
ASTM D1928  Practice for Preparation of Compression-Molded Polyethylene Test 
  Sheets and Test Specimens
ASTM D1938  Standard Test Method for Tear-Propagation Resistance of Plastic Film 
  and Thin Sheeting by a Single-Tear Method
ASTM D2103  Standard Specification for Polyethylene Film and Sheeting
ASTM D2124  Standard Test Method for Analysis of Components in Poly(Vinyl 
  Chloride) Compounds Using and Infrared Spectrophotometric Technique
ASTM D2126  Standard Test Method for Response of Rigid Cellular Plastics to Thermal 
  and Humid Aging
ASTM D2241  Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated 
  Pipe (SDR Series) 
  Only for: Flattening
ASTM D2290  Standard Test Method for Apparent Hoop Tensile Strength of Plastic or 
  Reinforced Plastic Pipe by Split Disk Method (Only for: Procedure B)
ASTM D2344  Standard Test Method for Short-Beam Strength of Polymer Matrix 
  Composite Materials and Their Laminates
ASTM D2412  Standard Test Method for Determination of External Loading 
  Characteristics of Plastic Pipe by Parallel-Plate Loading
ASTM D256  Standard Test Methods for Determining the Izod Pendulum Impact 
  Resistance of Plastics
ASTM D2565  Standard Practice for Xenon-Arc Exposure of Plastics Intended for 
  Outdoor Applications
ASTM D2582  Standard Test Method for Puncture-Propagation Tear Resistance of 
  Plastic Film and Thin Sheeting
ASTM D2584  Standard Test Method for Ignition Loss of Cured Reinforced Resins
ASTM D2842  Standard Test Method for Water Absorption of Rigid Cellular Plastics
ASTM D3015  Standard Practice for Microscopical Examination of Pigment Dispersion 
  in Plastic Compounds
ASTM D3039  Standard Test Method for Tensile Properties of Polymer Matrix 
  Composite Materials
ASTM D3045  Standard Practice for Heat Aging of Plastics Without Load
ASTM D3350  Standard Specification for Polyethylene Plastics Pipe and Fittings 
  Materials

Except for: ASTM D1505, D2837, F1473, F2263, ISO 12162

ASTM D3417  Standard Test Method for Enthalpies of Fusion and Crystallization of 
  Polymers by Differential Scanning Calorimetry (DSC)
ASTM D3418  Standard Test Method for Transition Temperatures of Polymers by 
  Differential Scanning Calorimetry
ASTM D3575 Standard Test Methods for Flexible Cellular Materials Made From Olefin Polymers
Except for: Suffix: M, R2, V, CC
ASTM D374 Standard Test Methods for Thickness of Solid Electrical Insulation
ASTM D3846 Standard Test Method for In-Plane Shear Strength of Reinforced Plastics
ASTM D3985 Standard Test Method for Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor
Only for: Impact Test
ASTM D4329 Standard Practice for Fluorescent UV Exposure of Plastics
ASTM D4459 Standard Practice for Xenon-Arc Exposure of Plastics Intended for Indoor Applications
ASTM D4703 Standard Practice for Compression Molding Thermoplastic Materials into Test Specimens, Plaques, or Sheets
ASTM D5208 Standard Practice for Fluorescent Ultraviolet (UV) Exposure of Photodegradable Plastics
ASTM D5630 Standard Test Method for Ash Content in Plastics
ASTM D570 Standard Test Method for Water Absorption of Plastics
ASTM D5478 Standard Test Method for Protrusion Puncture Resistance of Stretch Wrap Film
ASTM D5868 Standard Test Method for Lap Shear Adhesion for Fiber Reinforced Plastic (FRP) Bonding
ASTM D5947 Standard Test Methods for Physical Dimensions of Solid Plastics Specimens
ASTM D635 Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position
ASTM D638 Standard Test Method for Tensile Properties of Plastics
ASTM D6641 Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture
ASTM D6988 Standard Guide for Determination of Thickness of Plastic Film Test Specimens
ASTM D7249 Standard Test Method for Facing Properties of Sandwich Constructions by Long Beam Flexure
ASTM D746 Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
ASTM D751 Standard Test Methods for Coated Fabrics

Only for:


ASTM D792 Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement

ASTM D828 Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus

ASTM D882 Standard Test Method for Tensile Properties of Thin Plastic Sheeting

ASTM E1131 Standard Test Method for Compositional Analysis by Thermogravimetry

ASTM E1252 Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis


ASTM E1356 Standard Test Method for Assignment of the Glass Transition Temperatures by Differential Scanning Calorimetry or Differential Thermal Analysis

ASTM E2550 Standard Test Method for Thermal Stability by Thermogravimetry

ASTM E2602 Standard Test Methods for the Assignment of the Glass Transition Temperature by Modulated Temperature Differential Scanning Calorimetry

ASTM E308 Standard Practice for Computing the Colors of Objects by Using the CIE System

ASTM E424 Standard Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials

ASTM E793 Standard Test Method for Enthalpies of Fusion and Crystallization by Differential Scanning Calorimetry

ASTM E794 Standard Test Method for Melting and Crystallization Temperatures by Thermal Analysis

ASTM E831 Standard Test Method for Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis

ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials

ASTM F1249 Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor

ASTM F2136 Standard Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe

ASTM F88 Standard Test Method for Seal Strength of Flexible Barrier Materials

ASTM F904 Standard Test Method for Comparison of Bond Strength or Ply Adhesion of Similar Laminates Made from Flexible Materials


ASTM G154 Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials

ASTM G155 Standard Practice for Operating Xenon-Arc Light Apparatus for Exposure of Non-Metallic Materials
<table>
<thead>
<tr>
<th>Standard/Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM G160</td>
<td>Standard Practice for Evaluating Microbial Susceptibility of Nonmetallic Materials by Laboratory Soil Burial</td>
</tr>
<tr>
<td>ASTM G26</td>
<td>Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials</td>
</tr>
<tr>
<td>ASTM G53</td>
<td>Standard Practice for Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Nonmetallic Materials (Discontinued in 2000, replaced by G154)</td>
</tr>
<tr>
<td>ISO 1133</td>
<td>Melt Flow Index</td>
</tr>
<tr>
<td>ISO 11357-6</td>
<td>Plastics-Differential scanning calorimetry (DSC)-Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)</td>
</tr>
<tr>
<td>ISO 1183</td>
<td>Density</td>
</tr>
<tr>
<td>ISO 1183-1</td>
<td>Plastiques-Méthodes de détermination de la masse volumique des plastiques non alvéolaires-Partie 1: Méthode par immersion, méthode du pycnomètre en milieu liquide et méthode par titrage</td>
</tr>
<tr>
<td>ISO 13953</td>
<td>Tubes et raccords en polyéthylène (PE)-Détermination de la résistance en traction et du mode de rupture d’éprouvettes prélevées dans des assemblages par soudage bout à bout</td>
</tr>
<tr>
<td>ISO 1421</td>
<td>Rubber- or plastics-coated fabrics-Determination of tensile strength and elongation at break</td>
</tr>
<tr>
<td>ISO 178</td>
<td>Plastics-Determination of flexural properties</td>
</tr>
<tr>
<td>ISO 18553</td>
<td>Method for assessment of the degree of pigment or carbon black dispersion in polyolefin pipes, fittings and compounds</td>
</tr>
<tr>
<td>ISO 1923</td>
<td>Cellular plastics and rubbers - Determination of linear dimension</td>
</tr>
<tr>
<td>ISO 293</td>
<td>Plastiques-Moulage par compression des éprouvettes en matières thermostplastiques</td>
</tr>
<tr>
<td>ISO 4675</td>
<td>Rubber- or plastics-coated fabrics – Low temperature bend test</td>
</tr>
<tr>
<td>ISO 4892-2</td>
<td>Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc Lamps</td>
</tr>
<tr>
<td>ISO 527-1</td>
<td>Plastics - Determination of tensile properties -- Part 1: General principles</td>
</tr>
<tr>
<td>ISO 527-3</td>
<td>Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets</td>
</tr>
<tr>
<td>ISO 6964</td>
<td>Polyolefin pipes and fittings-Determination of carbon black content by calcination and pyrolysis-Test method and basic specification</td>
</tr>
<tr>
<td>ISO 75-2</td>
<td>Plastics-Determination of temperature of deflection under load-Part 2: Plastics and ebonite</td>
</tr>
<tr>
<td>ISO 7854</td>
<td>Rubber- or plastics-coated fabrics – Determination of resistance to damage by flexing Except for: Method A and C</td>
</tr>
<tr>
<td>MA.100-S.T.1.1</td>
<td>Détermination des solides totaux et des solides totaux volatils : méthode gravimétrique (only for : Humidité, matières volatiles à 550 °C, matière organique à 550 °C et cendres dans les solides)</td>
</tr>
<tr>
<td>UL 94</td>
<td>Tests for Flammability of Plastic Materials for Parts in Devices and Appliances - Horizontal Burning Test; HB</td>
</tr>
<tr>
<td>VOLVO STD 1024,2511</td>
<td>Determination of flexural properties</td>
</tr>
<tr>
<td>VOLVO STD 1026,1121</td>
<td>Test Method, Dimensional changes, Plastics</td>
</tr>
</tbody>
</table>
Resins and Rubbers

ASTM D1876  Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
ASTM D2240  Standard Test Method for Rubber Property-Durometer Hardness (for
durometer of type A, Type D)
ASTM D297 (Density)  Standard Test Methods for Rubber Products-Chemical Analysis - Density
ASTM D3677  Standard Test Methods for Rubber-Identification by Infrared
Spectrophotometry
ASTM D3767  Standard Practice for Rubber-Measurement of Dimensions
ASTM D395  Standard Test Methods for Rubber Property-Compression Set
the Taber Abraser
ASTM D412  Standard Test Methods for Vulcanized Rubber and Thermoplastic
Rubbers and Thermoplastic Elastomers-Tension
ASTM D413  Standard Test Method for Rubber Property-Adhesion to Flexible
Substrate (Machine Method, Strip Type A)
ASTM D4549  Standard Specification for Polystyrene and Rubber-Modified Polystyrene
Molding and Extrusion Materials (PS)
ASTM D4587  Standard Practice for Fluorescent UV-Condensation Exposures of Paint
and Related Coatings
ASTM D4591  Standard Test Method for Determining Temperatures and Heats of
Transitions of Fluoropolymers by Differential Scanning Calorimetry
ASTM D5028  Standard Test Method for Curing Properties of Pultrusion Resins by
Thermal Analysis
ASTM D522  Standard Test Methods for Mandrel Bend Test of Attached Organic
Coatings
  Only for: Test Method B
ASTM D523  Standard Test Method for Specular Gloss
ASTM D5644  Standard Test Methods for Rubber Compounding Materials
  Determination of Particle Size Distribution of Recycled Vulcanizate
  Particulate Rubber
  Only for: Method A: The Ro-tap Method
ASTM D573  Standard Test Method for Rubber Deterioration in an Air Oven
ASTM D575  Standard Test Methods for Rubber Properties in Compression
ASTM D624  Standard Test Method for Tear Strength of Conventional Vulcanized
Rubber and Thermoplastic Elastomers
ASTM D6862  Standard Test Method for 90 Degree Peel Resistance of Adhesives
ASTM D814  Standard Test Method for Rubber Property—Vapor Transmission of
Volatile Liquids
ASTM D816  Standard Test Methods for Rubber Cements
  Only for: Articles 1-8, 13, 15
ASTM D903  Standard Test Method for Peel or Stripping Strength of Adhesive Bonds
ISO 188  Rubber, vulcanized or thermoplastic - Accelerated ageing and heat
resistance tests
ISO 37  Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties
ISO 4648  Rubber, vulcanized or thermoplastic - Determination of dimensions of test pieces and products for test purposes

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

Occupational Health and Safety:

Fire Protection
See tests listed in section "TEXTILES & FIBROUS MATERIALS"

MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS

Furniture and Consumer Articles:

Hazardous Products

AOAC Official Method 974.02 "Lead in Paint - Atomic Absorption Spectrophotometric Method" ("Band of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint") (As requested by «16 CFR Part 1303»)
ASTM E1645 Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis (As requested by «16 CFR Part 1303»)
CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates
CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates
CPSC-CH-E1001-08 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1001-08.1 Standard Operating Procedure for Determining Total Lead (Pb) in Metal Children's Products (including Children's Metal Jewelry)
CPSC-CH-E1001-08.2 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)
CPSC-CH-E1002-08 Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products
CPSC-CH-E1002-08.1 Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products
CPSC-CH-E1002-08.2 Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Children's Products
NON METALLIC MINERALS AND PRODUCTS

Ceramics; Clay and Clay Products:

Ceramics

ASTM C1028  Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method

ASTM C627  Standard Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester

TEXTILES AND FIBROUS MATERIALS

Apparel and Other Finished Textile Products:

(Others (fire and flammability))

16 CFR Part 1610  Standard for the flammability of clothing textiles
16 CFR Part 1615  Standard for the flammability of children's sleepwear: Sizes 0 through 6X (FF-3-71)
16 CFR Part 1616  Standard for the flammability of children's sleepwear: Sizes 7 through 14 (FF 5-74)
49 CFR Part 571.302  Standard No. 302; Flammability of interior materials (FMVSS 302)
ASTM D6413  Standard Test Method for Flame Resistance of Textiles (Vertical Test)
ASTM E662  Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials


ASTM F1930  Evaluation of Flame Resistant Clothing for Protection Against Fire Simulations Using an Instrumented Manikin

ASTM F2700  Standard Test Method for Unsteady-State Heat Transfer Evaluation of Flame Resistant Materials for Clothing with Continuous Heating1

Boeing BSS 7239  Test Method for Toxic Gaz Generation by Materials Combustion

Bombardier SMP 800-C  Toxic Gaz Generation


CAN/CGSB 4.2 No. 78.1  Thermal Protective Performance of Material for Clothing

CAN/ULC S109  Flame Tests of Flame Resistant Fabrics and Films

CAN/ULC S668  Standard for Liners Used for Secondary Containment of Aboveground Flammable and Combustible Liquid Tanks

CPAI-84  Specification for Flame-Resistant Materials in Camping Tentage

DOT/FAA/AR-00/12 – Aircraft Materials Fire Test Handbook  Chapter 1 : Vertical Bunsen Burner Test for Cabin and Cargo Compartment Materials.
Chapter 2 : 45-Degree Bunsen Burner Test for Cargo Compartment Liners and Waste Stowage Compartment Materials.
Chapter 3 : Horizontal Bunsen Burner Test for Cabin, Cargo Compartment, and Miscellaneous Materials.
Chapter 4 : 60-Degree Bunsen Burner Test for Electric Wire.
Chapter 5 : Heat Release Rate Test for Cabin Materials.
Chapter 6 : The Smoke Test for Cabin Materials.

FAR 25.853 (a) Appendix F – Part I –  Paragraph 4 : Vertical Test
Paragraph 5 : Horizontal Test
Paragraph 6 : Forty-Five Degree Test
Paragraph 7 : Sixty Degree Test

FAR 25.853 (d) Appendix F Part IV –  Test Method to Determine the Heat Release Rate from Cabin Materials Exposed to Radiant Heat.

FTMS 191A No 5903.1  Flame resistance of cloth; vertical

ISO 13506-1  Protective clothing against heat and flame - Part 1: Test method for complete garments - Measurement of transferred energy using an instrumented manikin

ISO 13506-2  Protective clothing against heat and flame - Part 2: Skin burn injury prediction - Calculation requirements and test cases

ISO 15025  Protective clothing - Protection against heat and flame - Method of test for limited flame spread

ISO 15025  Protective clothing - Protection against heat and flame - Method of test for limited flame spread
NFPA 253

NFPA 701
Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Clothing

16 CFR Part 1500.53
Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age - Torque Test

ANSI/ISEA 107
High Visibility Safety Apparel and Accessories

ASTM B117
Standard Practice for Operating Salt Spray (Fog) Apparatus

ASTM D2810
Standard Test Method for pH of Leather

ASTM D4108
Test Method for Thermal Protective Performance of Materials for Clothing by Open-Flame Method

ASTM E1164
Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation

ASTM E809
Standard Practice for Measuring Photometric Characteristics of Retroreflectors

ASTM E810
Standard Test Method for Coefficient of Retroreflection of Retroreflective Sheeting Utilizing the Coplanar Geometry

ASTM F2992 / F2992M
Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer (TDM-100) Test Equipment

ASTM F903
Standard Test Method for Resistance of Materials Use in Protective Clothing to Penetration by Liquids

CAN/CGSB 155.1
Firefighters' Protective Clothing for Protection against Heat and Flame Except for: Water absorption

CAN/CGSB 155.20
Workwear for protection against hydrocarbon flash fire and optionally steam and hot fluids

CAN/CGSB 155.22
Fireline workwear for wildland firefighters Except for: microscope polarisant

CAN/CGSB 4.2 No. 27.5
Flame Resistance - 45° Angle Test - One Second Flame Impingement

CSA Z96
High Visibility Safety Apparel

EN 388
Gants de protection contre les risques mécaniques

EN 471
High Visibility Warning Clothing

ISO 17492
Clothing for protection against heat and flame - Determination of heat transmission on exposure to both flame and radiant heat

ISO 20471
Vêtements à haute visibilité -- Méthodes d'essai et exigences (seulement pour : Détermination de la couleur)

ISO 3759
Textiles-Préparation, marquage et mesurage des éprouvettes d'étoffe et des vêtements dans les essais de détermination de la variation des dimensions

NFPA 1971
Standard on Protective Clothing for Structural Fire Fighting Only for: Articles: 8.2 Flame resistance test 1 and test four (8.5), 8.6 Heat and thermal shrinkage, 8.10 Thermal protective performance, 8.11 Thread Melting, 8.12 Tear, 8.13 Burst Strength, 8.14 Seam Breaking Strength, 8.21 Cut, 8.24 Cleaning shrinkage, 8.25 Water absorption, 8.26
Water penetration, 8.27 Liquid penetration, 8.29 Corrosion resistance test, 8.33 Total Heat Loss (THL), 8.41 Label durability and legality test 1, 8.45 Retroreflectivity and fluorescence test, 8.50 Breaking strength, 8.57 Resistance to High temperature blocking test (les # d’articles proviennent de l’édition 2018

NFPA 1977
Standard on Protective Clothing and Equipment for Wildland Fire Fighting
Only for: Articles: 8.6 Tear resistance, 8.7 Cleaning Shrinkage, 8.8 Seam Breaking Strength, 8.9 Thread Heat Resistance, 8.16 Retroreflectivity, 8.31 Label Durability and Legibility One(Article numbers are from 2016 edition)

NFPA 2112
Standard on Flame-Resistant Garments for Protection of Industrial Personnel against Flash Fire
Only for: Articles: 8.2 HTP (except 8.1.3), 8.3 Flame Resistance Test, 8.4 Heat and Thermal Shrinkage Resistance Test, 8.5 Manikin Test, 8.6 Thread Heat Resistance). (Article numbers are from 2018 edition)

Floor Coverings

16 CFR Part 1630
Standard for the surface flammability of carpets and rugs (FF1-70)

ASTM D1335
Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings

CAN/CGSB 4.129
Carpet for Commercial Use

CAN/CGSB 4.2 No. 27.6
Flame Resistance - Methenamine Tablet Test for Textile Floor Coverings

CAN/CGSB 4.2 No. 77.1/ISO 4919
Carpets - Determination of Tuft Withdrawal Force

Mattresses

CAN/CGSB 4.2 No.27.7
Combustion Resistance of Mattresses - Cigarette Test

Tents
Refer to minor-heading: Window Coverings

Textile Mill Products: (Including synthetic and natural fibres)

Aircraft Materials

FAR 25.853(a)
Vertical and Horizontal Bunsen Burner Test for Cabin and Cargo Compartment Materials
Fabrics

AATCC 106  Colorfastness to Water: Sea (as per CAN/CGSB 4.2 No.21)
AATCC 107  Colorfastness to Water (as per CAN/CGSB 4.2 No.20)
AATCC 112  Formaldehyde Release from Fabric, Determination of: Sealed Jar Method
AATCC 116  Colorfastness to Crocking: Rotary Vertical Crockmeter Method
AATCC 117  Colorfastness to Heat: Dry (Excluding: Pressing)
AATCC 118  Oil Repellency: Hydrocarbon Resistance Test
AATCC 127  Water Resistance: Hydrostatic Pressure Test
AATCC 132  Colorfastness to Drycleaning (as per CAN/CGSB 4.2 No. 29.1)
AATCC 133  Colorfastness to Heat: Hot Pressing
AATCC 135  Dimensional Changes in Automatic Home Laundering of Woven or Knit Fabrics
AATCC 15  Colorfastness to Perspiration (as per CAN/CGSB 4.2 No. 23)
AATCC 16  Colorfastness to Light
AATCC 16.3  Colorfastness to Light: Xénon Arc
AATCC 162  Colorfastness to Water: Chlorinated Pool
AATCC 169  Weather Resistance of Textiles: Xenon Lamp Exposure
AATCC 183  Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics
AATCC 195  Liquid Moisture Management Properties of Textile Fabrics
AATCC 22  Water Repellency: Spray Test
AATCC 35  Water Resistance: Rain Test
AATCC 61  Colorfastness to Laundering Home and Commercial: Accelerated (as per CAN/CGSB 4.2 No. 19.1)
AATCC 76  Electrical Surface Resistivity of Fabrics
AATCC 79  Absorbency of Textiles
AATCC 8  Colorfastness to Crocking: AATCC Crockmeter Method (as per CAN/CGSB 4.2 No. 22)
AATCC 81  pH of the Water-Extract from Wet Processed Textiles
AATCC 88C  Retention of Creases in Fabrics after Repeated Home Laundering
AATCC 96  Dimensional Changes in Commercial Laundering of Woven and Knitted Fabrics Except Wool
ASTM D1388 Standard Test Methods for Stiffness of Fabrics
ASTM D1424 Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus
ASTM D1682 Standard Methods of Test for Breaking Load and Elongation of Textile Fabrics
ASTM D1683 Test Method for Failure in Sewn Seams of Woven Fabrics (Discontinued 1999) (as per CAN/CGSB 4.2 No. 32.2)
ASTM D1776 Standard Practice for Conditioning and Testing Textiles
ASTM D1777 Standard Test Method for Thickness of Textile Materials
ASTM D2136 Standard Test Method for Coated Fabrics - Low-Temperature Bend Test
ASTM D2594  Standard Test Method for Stretch Properties of Knitted Fabrics Having Low Power
ASTM D3775  Standard Test Method for Warp (End) and Filling (Pick) Count of Woven Fabrics
ASTM D3776  Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
ASTM D3786  Standard Test Methods for Hydraulic Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
ASTM D3885  Standard Test Method for Abrasion Resistance of Textile Fabrics (Flexing and Abrasion Method)
ASTM D3887  Standard Specification for Tolerances for Knitted Fabrics (Mass, Fabric count, Bursting strength)
ASTM D3939  Standard Test Method for Snagging Resistance of Fabrics (Mace)
ASTM D3940  Test Method for Bursting Strength (Load) and Elongation of Sewn Seams of Knit or Woven Stretch Textile Fabrics
ASTM D4964  Standard Test Method for Tension and Elongation of Elastic Fabrics (Constant-Rate-of-Extension Type Tensile Testing Machine)
ASTM D4970  Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester
ASTM D5034  Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D5035  Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D5587  Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure
ASTM D5732  Standard Test Method for Stiffness of Nonwoven Fabrics Using the Cantilever Test
ASTM D6797  Standard Test Method for Bursting Strength of Fabrics Constant-Rate-of-Extension (CRE) Ball Burst Test
ASTM D737   Standard Test Method for Air Permeability of Textile Fabrics
ASTM F1342  Standard Test Method for Protective Clothing Material Resistance to Puncture
<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS EN 29073-3</td>
<td>Methods of tests for nonwovens-Part 3: Determination of tensile strength and elongation</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 11.1</td>
<td>Bursting Strength - Diaphragm Pressure Test (as per ASTM D3786)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 11.2</td>
<td>Bursting Strength – Ball Burst Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 12.1</td>
<td>Tearing Strength - Single-Rip Method (as per ASTM D2262)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 12.2</td>
<td>Tearing Strength - Trapezoid Method</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 12.3</td>
<td>Tearing Strength - Elmendorf Ballistic Method (as per ASTM D1424)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 15</td>
<td>Non-Fibrous Material on Textiles</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 18.3/ISO 105-B02</td>
<td>Textiles - Tests for Colourfastness - Part B02 : Colourfastness to Artificial Light: Xenon Arc Fading Lamp Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 19.1</td>
<td>Colourfastness to Washing - Accelerated test - Launder-Ometer (as per AATCC 61)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 2</td>
<td>Conditioning Textile Materials for Testing</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 20</td>
<td>Colourfastness to Water (as per AATCC 107)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 21</td>
<td>Colourfastness to Sea Water (as per AATCC 106)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 22</td>
<td>Colourfastness to Rubbing (Crocking) (as per AATCC 8)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 23</td>
<td>Colourfastness to perspiration (as per AATCC 15)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 24</td>
<td>Colourfastness and Dimensional Change in Commercial Laundering (supersedes CGSB-4.2 No24.2)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 25.1</td>
<td>Dimensional change in Wetting</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 26.2</td>
<td>Textile Fabrics - Determination of Resistance to Surface Wetting (Spray Test) (as per AATCC 22)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 26.3/ISO 811</td>
<td>Textile Fabrics - Determination of Resistance to Water Penetration - Hydrostatic Pressure Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 26.5</td>
<td>Water Resistance - High Pressure Penetration Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 27.1</td>
<td>Flame Resistance - Vertical Burning Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 27.10</td>
<td>Flame Resistance - Vertically Oriented Textile Fabric or Fabric Assembly Test</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 29.1</td>
<td>Colourfastness to Dry Cleaning Solvent (as per AATCC 132)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 30</td>
<td>Dimensional Change in Dry-Cleaning (as per AATCC 158)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 32.1</td>
<td>Resistance of Woven Fabrics to Seam Slippage</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 32.2</td>
<td>Breaking Strength of Seams in Woven Fabrics (as per ASTM D1683)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 36</td>
<td>Air Permeability (as per ASTM D737)</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 37</td>
<td>Fabric Thickness</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 4.1/ISO 22198</td>
<td>Measurement of Width of Pieces</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 45</td>
<td>Textiles Fabrics - Determination of the Recovery from Creasing of a Horizontally Folded Specimen by Measuring the Angle-of-Recovery</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 49</td>
<td>Resistance of Materials to Water Vapour Diffusion</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 5.1</td>
<td>Unit Mass of Fabrics</td>
</tr>
<tr>
<td>CAN/CGSB 4.2 No. 51.2</td>
<td>Resistance to Pilling - Random Tumble Pilling Tester (as per ASTM D3512)</td>
</tr>
</tbody>
</table>
CAN/CGSB 4.2 No. 58  Colourfastness and Dimensional Change in Domestic Laundering of Textiles
CAN/CGSB 4.2 No. 6/ISO 7211/2  Textiles - Woven Fabrics - Construction - Methods of Analysis - Part 2: Determination of Number of Threads per Unit Length
CAN/CGSB 4.2 No. 60  Textiles - Résistance aux accrocs - Essai à la masse
CAN/CGSB 4.2 No. 69  Weather Resistance - Xenon Arc Radiation
CAN/CGSB 4.2 No. 7  Knitted Fabric Count - Wales and Courses per Centimetre
CAN/CGSB 4.2 No. 74/ISO 3071  Textiles - Determination of pH of the Aqueous Extract
CAN/CGSB 4.2 No. 9.1  Breaking Strength of Fabrics - Strip Method - Constant-Time-to-Break Principle (as per ASTM D5035)
CAN/CGSB 4.2 No. 9.2  Breaking Strength of Fabrics - Grab Method - Constant-Time-to-Break Principle (as per ASTM D5034)
CAN/CGSB-4.2 No. 51.1  Resistance to Pilling, Rotating Box Method
CAN/CGSB-4.2 No. 57  Determination of Maximum Safe Ironing Temperature
EN 29073-3  Textiles-Test methods for nonwovens-Part 3: Determination of tensile strength and elongation
EN ISO 13934-1  Textiles-Tensile properties of fabrics-Part 1: Determination of maximum force and elongation at maximum force using the strip method
FTMS 191A No 4108  Strength and elongation, breaking; textile webbing, tape and braided items
FTMS 191A No 5512  Water resistance of coated cloth: High Range, Hydrostatic Pressure Method
FTMS 191A No 5516  Water resistance of cloth: Water Permeability, Hydrostatic Pressure Method
FTMS 191A Section No 4  Textiles Conditioning
ISO 105-B02  Textiles-Tests for colour fastness-Part B02: Colour fastness to artificial light: Xenon arc fading lamp test
ISO 105-C06  Textiles -- Tests for colour fastness -- Part C06: Colour fastness to domestic and commercial laundering
ISO 105-D01  Textiles-Tests for colour fastness-Part D01: Colour fastness to drycleaning using perchloroethylene solvent
ISO 105-X12  Textiles-Tests for colour fastness-Part X12: Colour fastness to rubbing
ISO 11092  Textiles-Physiological effects-Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test
ISO 12947-2  Textiles -- Determination of the abrasion resistance of fabrics by the Martindale method -- Part 2: Determination of specimen breakdown
ISO 13934-1  Textiles-Tensile properties of fabrics-Part 1: Determination of maximum force and elongation at maximum force using the strip method
ISO 13935-2  Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2; Determination of maximum force to seam rupture using the grab method
ISO 13937-1  Textiles -- Tear properties of fabrics -- Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)
ISO 13937-2  Textiles - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method)
ISO 13938-1  Textiles - Bursting properties of fabrics - Part 1: Hydraulic method for determination of bursting strength and bursting distension
ISO 13997  Protective clothing-Mechanical properties-Determination of resistance to cutting by sharp objects
ISO 17493  Clothing and equipment for protection against heat -- Test method for convective heat resistance using a hot air circulating oven
ISO 4920  Textiles -- Determination of resistance to surface wetting (spray test) of fabrics
ISO 5081  Textiles -- Woven fabrics -- Determination of breaking strength and elongation (Strip method)
ISO 6330  Textiles-Domestic washing and drying procedures for textile testing Except for: washing machine reference type C – pulsator type
ISO 7198  Cardiovascular implants-Tubular vascular prostheses (Determination of water permeability)
ISO 811  Textile fabrics-Determination of resistance to water penetration-Hydrostatic pressure test
ISO 9073-3  Textiles-Test methods for nonwovens-Part 3: Determination of tensile strength and elongation
NF EN 29073  Methods of tests for nonwovens-Part 3: Determination of tensile strength and elongation
NF EN 530  Abrasion resistance of protective clothing material

Fibres

ASTM D1577  Standard Test Methods for Linear Density of Textile Fibers
ASTM D7138  Standard Test Method to Determine Melting Temperature of Synthetic Fibers
CAN/CGSB 4.2 No. 48/ISO 137  Wool - Determination of Fibre Diameter - Projection Microscope Method
CAN/CGSB 4.2 No.14 Serie Quantitative Analysis of Fibre Mixtures
FTMS 191A No 1534  Melting Point of Synthetic Fibers

Yarns

CAN/CGSB 4.2 No. 5.2  Linear Density of Yarn in SI Units
CAN/CGSB 4.2 No. 9.4  Breaking Strength of Yarns - Single Strand Method
Notes:

AATCC: American Association of Textile Chemists and Colorists
ASTM: American Society of Testing Methods
BNQ: Bureau de normalisation du Québec
CAN: Canadian Test Method from the «Canadian General Standard Board»
CAN/CGSB: Canadian General Standard Board
CAN/ULC: Canadian Underwriters Laboratory
CFR: Code Federal Regulation
CPAI: Canvas Products Association International
CSA: Canadian Standard Association
DOT/FAA/AR: Test method from the «Federal Aviation Administration»
FAR: Federal Aviation Regulation
EN: Test method from the «European Standard Committee»
EPA: Environmental Protection Agency
FTMS: Federal Test Method Standard
GRI: Geosynthetic Research Institute
ISO: International Standard Organization
NF: Test method from the «Association française de normalisation»
NFPA: National Fire Protection Association
NQ: Test method from the «Bureau de normalisation du Québec»
PFI: PVC Geomembrane Institute
PSTC: Pressure Sensitive Tape Council
SAE: Society of Automobile Engineers
UL: Underwriters Laboratory
UPH: Test method from the «Upholstered Furniture Action Council»

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