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**COMMERCIAL PRODUCTS TESTING—PAPER  
TEST METHOD SELECTION LIST**

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Check those test methods for which you are requesting accreditation.

<i>NVLAP Test Method Code</i>	<i>Test Method Designation</i>	<i>Short Title</i>
<b>PAPER AND RELATED PRODUCTS</b>		
<b>Paper and Paperboard</b>		
<b>NOTE:</b> To obtain accreditation for test methods requiring testing in a standard test atmosphere, a laboratory must also request accreditation for 09/E02.		
___ 01/F01	TAPPI T461-OM	Flame Resistance of Treated Paper and Paperboard
___ 01/V02	TAPPI T419-OM	Starch in Paper
___ 01/V03	TAPPI T487-CM	Fungus Resistance of Paper and Paperboard
___ 01/V04	ASTM E96	Water Vapor Transmission of Materials
___ 09/E01	TAPPI T208-OM	Moisture in Wood, Pulp, Paper and Paperboard by Toluene Distillation
___ 09/E02	TAPPI T402-OM; ASTM D685	Standard Conditioning and Testing Atmospheres for Paper, Board, Pulp Handsheets and Related Products
___ 09/E03	TAPPI T403-OM; ASTM D774	Bursting Strength of Paper
___ 09/E04	TAPPI T404-CM	Tensile Breaking Strength and Elongation of Paper and Paperboard (Using Pendulum-Type Tester)
___ 09/E05	TAPPI T410-OM	Grammage of Paper and Paperboard (Weight per Unit Area)
___ 09/E06	TAPPI T411-OM	Thickness (Caliper) of Paper, Paperboard, and Combined Board
___ 09/E07	TAPPI T412-OM; ASTM D644	Moisture in Pulp, Paper and Paperboard
___ 09/E08	TAPPI T414-OM	Internal Tearing Resistance of Paper (Elmendorf-Type Method)

___	09/E09	TAPPI T425-OM	Opacity of Paper (15°/Diffuse Illuminant A, 89% Reflectance Backing and Paper Backing)
___	09/E10	TAPPI T435-OM	Hydrogen Ion Concentration (pH) of Paper Extracts (Hot Extraction Method)
___	09/E11	TAPPI T452-OM	Brightness of Pulp, Paper and Paperboard (Directional Reflectance at 457 nm)
___	09/E12	TAPPI T459-OM; ASTM D2482	Surface Strength of Paper (Wax Pick Test)
___	09/E13	TAPPI T460-OM; ASTM D726	Air Resistance of Paper
___	09/E14	TAPPI T470-OM	Edge Tearing Resistance of Paper (Finch Method)
___	09/E15	TAPPI T480-OM	Specular Gloss of Paper and Paperboard at 75 Degrees
___	09/E16	TAPPI T489-OM	Stiffness of Paper and Paperboard (Taber-Type Stiffness Tester)
___	09/E17	TAPPI T494-OM	Tensile Breaking Properties of Paper and Paperboard (Using Constant Rate of Elongation Apparatus)
___	09/E18	TAPPI T511-OM; ASTM D2176	Folding Endurance of Paper (MIT Tester)
___	09/E19	TAPPI T538-OM	Sheffield Smoothness of Paper and Paperboard (Air Flow Method)
___	09/E20	TAPPI T809-OM	Flat Crush Corrugating Medium (CMT Test)
___	09/E21	TAPPI T818-OM	Ring Crush of Paperboard
___	09/E22	TAPPI T807-OM	Bursting Strength of Paper and Linerboard
___	09/E23	TAPPI T524-OM	Color of Paper and Paperboard (45°/0° Geometry)
___	09/E24	TAPPI T527-OM	Color of Paper and Paperboard (d/0° Geometry)
___	09/E25	TAPPI T826-PM	Short-Span Compressive Strength of Paperboard
___	09/E26	TAPPI UM-524	Porosity of Paper by Resistance to Airflow
___	09/E27	TAPPI TM 833-PM	Test for Interfiber Bond Using the Internal Bond Tester



___	09/E28	TAPPI T541-OM	Internal Bond Strength of Paperboard (Z-Direction Tensile)
___	09/E29	TAPPI T476-OM	Abrasion Loss of Paper and Paperboard (Taber-Type Method)
___	09/E30	TAPPI T822-OM	Ring Crush of Paperboard (Rigid Support Method)
___	09/E31	TAPPI T838-PM	Edge Crush Test Using Neckdown

**Permanent Record Papers**

___	09/F01	TAPPI UM-548; ASTM D3208/Par. 11.1; ASTM D3290/Par. 11.2	Flourescent Component of Brightness
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**Pressure Sensitive Tapes**

___	09/G01	ASTM D3330, D3330M	Peel Adhesion of Pressure-Sensitive Tape at 180-Degree Angle
___	09/G02	ASTM D3652	Thickness of Pressure-Sensitive and Gummed Tapes
___	09/G03	ASTM D3654, D3654M	Holding Power of Pressure-Sensitive Tapes
___	09/G04	ASTM D3662	Test for Bursting Strength of Pressure-Sensitive Tapes
___	09/G05	ASTM D3759	Tensile Strength and Elongation of Pressure-Sensitive Tapes
___	09/G06	ASTM D3811	Unwind Force of Pressure-Sensitive Tapes
___	09/G07	ASTM D3815	Accelerated Aging of Pressure-Sensitive Tapes by Carbon-Arc Exposure Apparatus

**Packaging and Packaging Materials (including Corrugated Board)**

**NOTES:**

(1) To obtain accreditation for test methods requiring testing in a standard test atmosphere, a laboratory must also request accreditation for 09/E02.

(2) Methods 5005.1-5026 are part of "Federal Test Method Standard 101C for Packing, Packaging, Preservation and Transportability."

___	09/H01	ASTM D642; TAPPI T804-OM	Compression Resistance of Shipping Containers, Components, and Unit Loads
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___	09/H02	ASTM D895; TAPPI T805-OM	Water Vapor Permeability of Packages
___	09/H05	ASTM D3611	Accelerated Aging of Pressure-Sensitive Tapes
___	09/H07	Method 5005.1	Cornerwise-Drop (Rotational) Test
___	09/H08	Method 5007.1; ASTM D5276; TAPPI T802-OM	Drop Test (Free Fall)
___	09/H09	Method 5008.1	Edgewise Drop (Rotational) Test
___	09/H10	Method 5009.2	Leaks in Containers
___	09/H11	Method 5011.1	Mechanical Handling Test
___	09/H12	Method 5012	Pendulum-Impact Test
___	09/H13	ASTM D782	Shipping Containers in Revolving Hexagonal Drum
___	09/H14	Method 5014	Rollover Test
___	09/H16	Method 5016.1	Superimposed-Load Test (Stackability, with Dunnage)
___	09/H17	Method 5017	Superimposed-Load Test (Uniformly Distributed, Without Dunnage)
___	09/H18	Method 5018	Tipover Test
___	09/H19	Method 5019.1; TAPPI T817-OM/A; ASTM D999/A	Vibration (Repetitive Shock) Test
___	09/H20	Method 5020.1; TAPPI T817-OM/B,C; ASTM D999/B,C	Vibration (Sinusoidal Motion) Test
___	09/H21	Method 5023; TAPPI T801-OM; ASTM D880	Incline-Impact Test
___	09/H22	TAPPI T805-OM	Water Resistance of Fiberboard Shipping Containers (Spray Method)
___	09/H24	TAPPI T802-OM	Drop Test for Fiberboard Shipping Containers
___	09/H25	TAPPI T803-OM	Puncture and Stiffness Test of Container Board
___	09/H26	TAPPI UM-807	Wet Shear Adhesion Test of Corrugated Fiberboard (MBR)




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___	09/H27	TAPPI T808-OM	Flat Crush Test of Corrugated Board (Flexible Beam Method)
___	09/H28	TAPPI T810-OM	Bursting Strength of Corrugated and Solid Fiberboard
___	09/H29	TAPPI T811-OM	Edgewise Compressive Strength of Corrugated Fiberboard (Short Column Test)
___	09/H30	TAPPI T821-OM	Pin Adhesion of Corrugated Board by Selective Separation
___	09/H31	TAPPI T825-PM	Flat Crush Test of Corrugated Board (Rigid Support Method)
<b>Pulp</b>			
___	09/J01	TAPPI T525-OM	Diffuse Brightness of Pulp (d/O Degree)
___	09/J02	TAPPI T220-OM	Physical Testing of Pulp Handsheets (Requires accreditation for 09/E02, 09/E03, 09/E06, 09/E08, 09/E09, 09/E17)

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## PROFICIENCY TESTING INSTRUCTIONS

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Currently, proficiency testing is required for the fields of (a) Paper and Related Products and (b) Plastics. Requirements must be met by participating in interlaboratory programs provided by:

Collaborative Testing Services (CTS)  
P. O. Box 1049  
Herndon, VA 22070  
(703) 742-9107.

The laboratory must participate in proficiency testing for the test methods for which it is accredited, or is seeking accreditation, if proficiency testing for those test methods is available from Collaborative Testing Services.

Contact Collaborative Testing Services directly for enrollment information.