

Informational Sheet

Laboratory Capabilities

INSTRUMENT	TESTING PROPERTY	INSTRUMENT	TESTING PROPERTY
Tensile Tester (MTS Q-Test Model QT-1/L Testing System with a 100 N Load Cell)	<ul style="list-style-type: none"> • Tear Strength • Peel • % Elongation • Material Modulus • Impact Strength • Coefficient of Friction • Grab Test • Trapezoidal Test 	Ink Evaluation System (Little Joe Model H, UV Fusion Bench Top Conveyor)	<ul style="list-style-type: none"> • Print Receptability • Ink Adhesive • Ink Peel Strength • Color Shift Analysis
ISO Card Durability Set	<ul style="list-style-type: none"> • Flex Test (Mono & Bi-Flex) • Impact Strength • Card Stress Strength • Laundry Test • Coin Test 	Controlled Temperature Lab Oven	<ul style="list-style-type: none"> • % Solids • Shrinkage • MVTR • Elevated Temperature & Humidity Test
Card Embosser	<ul style="list-style-type: none"> • ISO Spec. Card Embossing 	Analytical Balance (0.0001g)	<ul style="list-style-type: none"> • Coat Weight / Yield / Specific Gravity
Atlas Vicat Testing System	<ul style="list-style-type: none"> • Film Softening / Vicat / Heat Distortion 	Gardner Impact Tester	<ul style="list-style-type: none"> • Film Impact Strength
X-Rite ST-68 Portable Sphere Spectrophotometer	<ul style="list-style-type: none"> • Color Shift / Color Definition 	One Inch Drop Ball	<ul style="list-style-type: none"> • Overlay Brittleness
Viscometer (Brookfield RVT, RVF, 74R)	<ul style="list-style-type: none"> • Viscosity Test • Rheology Study 	Automatic Draw Down Table	<ul style="list-style-type: none"> • Sample Preparation • Liquid Coatings Evaluation
Blocking Tester	<ul style="list-style-type: none"> • Adhesive Blocking 	JDC 1" Sample Cutter	<ul style="list-style-type: none"> • Sample Preparation
6x6 Carver Platen Press	<ul style="list-style-type: none"> • Lamination, Embossing 	12x19 Transfer Press	<ul style="list-style-type: none"> • Hydraulic Lamination
Dyne Tester	<ul style="list-style-type: none"> • Substrate Surface Energy 	Fargo Pro LX	<ul style="list-style-type: none"> • Dye Sublimation Printing
ProGage Micrometer	<ul style="list-style-type: none"> • Gauge Profile 	Heat Test / Aging	<ul style="list-style-type: none"> • Perform Accelerated Aging
Microscope, Stereo & Video Capability	<ul style="list-style-type: none"> • Surface Analysis • Failure Mode Analysis 	High Temperature Adhesive Shear Test Apparatus	<ul style="list-style-type: none"> • Measures Adhesive Shear Strength

Waytek Corporation testing procedures comply with ASTM/PSTC/ANSI test methods

Research & Development Services follow established confidentiality guidelines

Your proprietary products will be held in strictest confidence

Contact:

Waytek Corp • 400 Shotwell Drive • Franklin, Ohio 45005 USA • **937.743.8040** • fax 937.743.8041 • mail@waytekcorp.com