



Applied Technical Services

## Automotive Tests & Standards

### General Motors SAE Standards & Testing

<b>Reference Specification</b>	<b>Test</b>
GMW 14668	<u>Immersion Corrosion of Metals</u>
GM 258M	<u>Weight Loss Insulation</u>
GM 273M	<u>Corrosion Protective Coating for Brake Rotors</u>
GM 9070P	<u>Flammability</u>
GM 4298P	<u>Salt Spray Test</u>
GM 4350M	<u>Painted Part Performance Requirement</u>
GM 4435	<u>Protective Finish – Phosphate Type</u>
GM 4465P	<u>Water Fog Humidity Test</u>
GM 6090M	<u>Flammability of Materials</u>
GM 7400M	<u>Material Specification Plastics</u>
GM 9071P	<u>Tape Adhesion Test for Paint Finishes</u>
GM 9141P	<u>Compatibility of Plastic Rolled Goods</u>
GM 9200P	<u>Accelerated Aging and Steaming</u>
GM 9202P	<u>Determining Heat Build-up of Insulating Material</u>
GM 9304P	<u>Wear Resistance</u>
GM 9502P	<u>Knife Cross-Hatch Adhesion Test</u>
GM 9505P	<u>Automotive Environmental Cycles</u>
GM 9506P	<u>Dime Scrape Test to Determine Paint Adhesion &amp; Brittleness</u>
GM 9507P	<u>Thumbnail Hardness Test for Painted Parts</u>
GM 9509P	<u>Solvent Rub Method for Determining Cure of Painted Metal or Plastic Substrates</u>
GM 9511P	<u>SCAB Corrosion Creepback of Paint Systems on Metal Substrates</u>
GM 9540P	<u>Accelerated Corrosion Test</u>
GM 9675P	<u>Test for Dynamic Flex Fatigue</u>
GM 9838P	<u>Tape Lamination to Automotive Components</u>
GME 3191	<u>General Specification Electric/Electronic</u>
GME 60400	<u>Abrasion Resistance</u>
GMN 10046	<u>Insulation – Thermal and/or Acoustical – Pressure-Sensitive Adhesive, Aluminum, and Fiber Composite - Exterior</u>
GMN 10083	<u>Interior Paint Finish Durability (Plastic Substrates)</u>
GMW 3059	<u>Restricted &amp; Reportable Substances for Parts</u>

GMW 3205	<a href="#">Determining the Resistance to Odor Propagation of Interior Materials</a>
GMW 3235	<a href="#">Fogging Characteristics of Trim Materials</a>
GMW 4700	<a href="#">Zinc Alloy Plating</a>
GMW 14872	<a href="#">Cyclic Corrosion Test</a>
GMW 3044	<a href="#">Zinc Plating</a>
GMW 3010	<a href="#">Determination of Tensile and Elongation Properties</a>
GMW 3172	<a href="#">General Specification for Electrical/Electronic Component Analytical/Development/Validation (A/D/V) Procedures for Conformance to Vehicle Environmental, Reliability, and Performance Requirements</a>
GMW 3205	<a href="#">Determining the Resistance to Odor Propagation of Interior Materials</a>
GMW 3208	<a href="#">Rotary Abrasion Test, Taber Type</a>
GMW 3232	<a href="#">Test Method for Determining the Flammability of Interior Trim Materials</a>
GMW 3235	<a href="#">Fogging Characteristics of Trim Materials</a>
GMW 3286	<a href="#">Procedure for Neutral Salt Spray Test</a>
GMW 3326	<a href="#">Tearing Strength of Textile Materials by Trapezoid Method</a>
GMW 3359	<a href="#">Non-Electrolytically Applied Zinc-Rich Coating</a>
GMW 3431	<a href="#">General Procedure for testing switches</a>
GMW 9538	<a href="#">Weathering Exposure Tests for Interior Trims</a>
GMW 14011	<a href="#">Objective Subsystem/Component Squeak and Rattle Test</a>
GMW 14093	<a href="#">Determination of Impact Resistance of Plastic Components</a>
GMW 14124	<a href="#">Automotive Environmental Cycles</a>
GMW 14162	<a href="#">Colorfastness to Artificial Weathering</a>
GMW 14171	<a href="#">Heavy Layer Sound Barriers and Decoupler Assemblies</a>
GMW 14333	<a href="#">Resistance to Fuels of Exterior Automotive Materials and Components</a>
GMW 14334	<a href="#">Chemical Resistance to Fluids</a>
GMW 14665	<a href="#">Anodic Oxidation Coating on Aluminum</a>
GMW 14669	<a href="#">Organic Coating/Finish Performance for Exterior and Interior Metallic Materials</a>
GMW 14671	<a href="#">Organic Coating Performance for Underhood and Underbody Components</a>
GMW 14700	<a href="#">Stone Impact Resistance of Coatings</a>
GMW 14729	<a href="#">Procedures for High Humidity Test</a>
GMW 14829	<a href="#">Tape Adhesion Test for Paint Finishes</a>
GMW 14885	<a href="#">Painted Aluminum Road Wheels</a>
GMW 14914	<a href="#">Test Fluids for Fuel Resistant Testing</a>
GMW 15272	<a href="#">Corrosion Performance Specification</a>
GMW 15282	<a href="#">Corrosion/Undercutting Scribe Creepback</a>
GMW 15356	<a href="#">Sheet Metal Rating Scale</a>
GMW 15357	<a href="#">Component Rating Scale</a>
GMW 15358	<a href="#">Fastener Rating Scale</a>
GMW 15359	<a href="#">White Corrosion Rating Scale Guideline</a>
GMW 15635	<a href="#">Determination of Aldehyde and Ketone Emissions from Interior Materials</a>
GMW 15735	<a href="#">Storage Stability of Adhesives and Sealers</a>

GMW 16284	<u>Brake Rotor Coating</u>
GMW 16348	Functional, Non-visible, Interior Trim System Minimum Material Performance Requirements
GMW 16443	<u>Adhesion Performance Requirements for Adhesive Backed Foam</u>
GMW 16879	<u>Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMW PE) Tape</u>
GMW 16998	Dust-Out From Fiber Sound Absorber Pad