



Literature Material Testing for Cover - Owners Info Manual (i.e., Folder/Wallet/Pouch)

1 Introduction

Note: Nothing in this standard supercedes applicable laws and regulations.

Note: In the event of conflict between the English and domestic language, the English language shall take precedence.

1.1 Scope. This standard establishes the common technical requirements for the literature commodity for the folder/wallet/pouch for a GM vehicle sold worldwide. The common functions, performance, design constraints, reliability, and validation required of the subsystem are defined in this document. This specification becomes Statement of Requirements (SOR) Appendix C1 to a SOR for the literature subsystem.

1.2 Mission/Theme. The primary purpose is to provide a convenient, attractive folder/wallet/pouch to “hold” customer literature.

1.3 Classification. Not applicable.

2 References

Note: Only the latest approved standards are applicable unless otherwise specified.

2.1 External Standards/Specifications.

ISO 105-X12

2.2 GM Standards/Specifications.

GMW3059	GMW3232	GMW14124	GMW15634
GMW3205	GMW3235	GMW14126	GMW16853

2.3 Additional References.

Appendix C1

GM Ergonomic Guidelines

SOR for the Literature Subsystem

3 Requirements

3.1 System/Subsystem/Component/Part Definition. The folder/wallet/pouch provides a convenient, attractive “holder” for the customer literature.

Parts should not have burrs or sharp angles; distortion, or scrapes in the part's surface. The color of part should be consistent.

There shall be no visible sink marks on literature components, for textile, leather and other decorative materials: no wrinkles allowed in visible areas.

3.1.1 Appearance. The folder/wallet/pouch shall maintain appearance, shape, color, texture, fit and alignment over the target life of the vehicle.

3.1.2 Content. The folder/wallet/pouch strategy is approved by the marketing organization, usually with consistent direction for the vehicle nameplate.

The required physical and functional requirements for the cover/wallet/pouch are identified in the following paragraphs.

3.1.3 Ambient Environment. The preferred storage location for the folder/wallet/pouch containing customer literature is in the glove box. Alternative storage locations, such as the center console, map pocket, or trunk, require program team approval.

4 Validation

4.1 General. Validation consists of test, inspections, analysis, and demonstrations to ensure that the folder/wallet/pouch meets all requirements (See Table 1).

All validation tests shall be performed on production intent parts and are the responsibility of the supplier.

Table 1: Required Validation Tests

Number	Test Name	Test	Part	Required Test Output/Target Value
1	Automotive Environmental Cycles (Dimensional Stability)	GMW14124 5 Cycles M, at high temperature (85 °C) Dimensional Change: - Longitudinal Direction - Transverse Direction	Wallet/Pouch/Cover	Must show no quality defects like: mold build-up, warping, maceration mildew, wrinkles, striations, or scrapes.
2	Resistance to Cold Crack of Folded Materials	GMW14126	Wallet/Pouch/Cover	No Visible Breaks
3	Color Fastness to Rubbing	ISO 105-X12	Wallet/Pouch/Cover	Rating Four (4) minimum
4	Flammability of Interior Trim Materials	GMW3232 Per Zone B to Self-Extinguishing (SE)	Wallet/Pouch/Cover	Self-Extinguishing
5	Emission Tests Per GMW16853 - Volatile Organic Compound/ Semi-Volatile Organic Compound (VOC/SVOC) - Fogging - Odor	GMW15634 GMW3235 Method B, Temp T2 GMW3205 Condition A3 and B3	Wallet/Pouch/Cover	Report values 2.0 mg maximum (no droplets or crystals) Rating Six (6) minimum
6	Restricted and Reportable Chemicals	GMW3059	Wallet/Pouch/Cover	