


FLAMMABILITY TESTS: Public Transportation Vehicles (Vans, Buses, Rail Cars, etc.)

Test	Product Category	Sample Size
FAA 12 Seconds Vertical	Fabrics	1 pc: 18" x 36"
ASTM E 162 (Radiant Panel)	Frames, shrouds, walls, ceilings, windscreens, ducting, windows, light diffusers, insulation, exterior shell component, box covers	4 pcs: 6" x 18"
ASTM E 662 (Smoke Density)	Fabrics, cushions, frames, shrouds, walls, ceilings, windscreens, ducting, windows, light diffusers, insulation, exterior shell component, box covers	6 pcs: 3" x 3" x 1.0" MT
ASTM D 3675 (Radiant Panel for flexible cellular materials)	Foams, cushions, etc.	4 pcs: 6" x 18" x 1.0" MT
ASTM E 648 (Flooring Radiant Panel)	Floor coverings with or without padding, as applicable	3 pcs: 9" x 40"
BSS 7239 (Combustion Toxicity) Measures 6 gases Flaming Mode Non Flaming Mode	Specified by certain rail carrier companies & rail car manufacturers for all of the above listed components	6 pcs: 3" x 3" x 1.0" MT 6 pcs: 3" x 3" x 1.0" MT
SMP 800C Modified * (Combustion Toxicity) Measures 8 gases	Specified by certain rail carrier companies & rail car manufacturers for all of the above listed components	16 pcs: 3" x 3" x 1.0" MT
ASTM C 1166	Elastomers	6 pcs: 1" x 18" x 0.5"

MT = Maximum thickness.

* The unmodified version is conducted by a Canadian laboratory who developed the procedure with Bombardier.

OTHER GOVMARK SERVICES:
FLAMMABILITY TESTING...

Apparel British Upholstery Standards Building & Fire Codes Drapery Fabric	FAR & Commercial Airlines Flexible Foams & Plastic Materials Mattresses, Ticking, & Mattress Pads Miscellaneous Flammability Tests	Textiles (Non Flammability Tests) UL 94 Upholstery Fabric & Upholstered Furniture Wallcoverings
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FLAMMABILITY TESTERS...

45 Degree Cabinet Horizontal Cabinet ASTM E 162 Radiant Panel Tester TPP Tester	Flooring Radiant Panel Tester Smoke Density Chamber Vertical Cabinet FTM 5903 Rate of Heat Release (OSU Apparatus) Children's Sleepwear Equipment	FAA Seat Cushion Tester FAA Cargo Liner Tester NFPA Small Scale Cabinet NFPA Large Scale Cabinet
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Govmark's FLAMMABILITY PUBLICATION... The Govmark Book on Flammability Standards and Flammability Test Methods of Textiles, Plastics, and Other Materials Used in Home and Contract Furnishings: Analyses of Codes Contains easy-to-understand summaries and sketches of test methods. Anticipated publication date: December 2003.