

## PURCHASE DESCRIPTION

### FLAMMABILITY TEST REQUIREMENTS FOR MATTRESSES

All mattresses shall meet the requirements of the Consumer Product Safety Commission Standard For The Flammability of Mattresses and Mattress Pads FF 4-72 (Code of Federal Regulations (CFR) Title 16, Part 1632). The following general requirements shall apply:

1. A complete, passing flammability test report shall be submitted for each series of mattress. Test reports shall be signed and dated by the person performing the tests at the manufacturer's laboratory or at an independent testing laboratory. Incomplete test reports will not be reviewed and will be returned to the offeror.
2. Test results shall be reported using the form included within this document.
3. Test reports shall not be more than three (3) years old when submitted with the offer and new test reports are required if any changes are made to the contract item(s).
4. Flammability re-testing requirements – All items under contract shall be re-tested for flammability within five (5) years of the original test dates or sooner if changes are made to the component materials or methods of manufacture. Contractors shall submit new test reports to the contracting officer for review and approval.

Copies of the referenced flammability standard (CFR Title 16 – Commercial Practices, Chapter II - Consumer Product Safety Commission, Part 1632) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC. Alternatively, the standard may be accessed electronically at the following Internet address:

[http://www.access.gpo.gov/nara/cfr/waisidx\\_99/16cfr1632\\_99.html](http://www.access.gpo.gov/nara/cfr/waisidx_99/16cfr1632_99.html)

FORM FOR SUBMITTING TEST RESULTS FOR THE  
STANDARD FOR THE FLAMMABILITY OF MATTRESSES AND MATTRESS PADS  
(FF 4-72, AMENDED)

Laboratory Testing	Company Submitting Test
Name: _____	Name: _____
Address: _____ _____	Address: _____ _____
Phone #: _____	Phone #: _____

Production Identification: \_\_\_\_\_

Date samples received: \_\_\_\_\_ Test report #: \_\_\_\_\_

**Requirements:** Individual cigarette test locations pass the test if the char length is no more than 51 mm (2 inches) in any direction from the nearest point of the cigarette. For safety purposes, the test operator should discontinue the test and record a failure before reaching the 51-mm (2-inch) char length if ignition occurs.

**Test Locations:** Proposed mattress prototypes with minimum of 3 mattresses and 6 surfaces required. If each mattress has only one side that can be tested, then 6 individual mattresses are needed. At least 18 cigarettes shall be burned, 9 on the bare mattress surfaces, and 9 on the 2-sheet test. (Please see CODE OF FEDERAL REGULATIONS (CFR) Title 16, Part 1632 for testing details.)

Char length  
mm/inches

6 “bare mattress” surfaces for testing (9 cigarettes each surface)

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						
7						
8						
9						

Char length  
mm/inches

6 surfaces for "2-sheet testing" (9 cigarettes each surface)

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						
7						
8						
9						

Results

Bare mattress:      Pass \_\_\_\_\_      Fail \_\_\_\_\_

2-sheet test:      Pass \_\_\_\_\_      Fail \_\_\_\_\_

I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified in CFR Title 16, Part 1632 - STANDARD FOR THE FLAMMABILITY OF MATTRESSES AND MATTRESS PADS (FF 4-72).

Date Tests Completed \_\_\_\_\_

**Name of person who performed the tests (printed)** \_\_\_\_\_

Signature \_\_\_\_\_