

PROJECT NUMBER: 30160 05-98751-2

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DATE: July 19, 2005

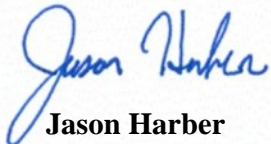
**STORK TWIN CITY TESTING CORPORATION
662 Cromwell Avenue
St. Paul, Minnesota 55114**

**CIGARETTE FLAMMABILITY TESTING
CPSC 1632 / D.O.C. (FF 4-72)
CONDUCTED ON A STANDARD
PINNACLE MATTRESS**

**Prepared for:
DERBY INDUSTRIES
Attn: Mr. Andy Karafa Jr.
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South Bend, IN 46614**

Client Purchase Order Number: 25528

Prepared by:



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The test results contained in this report pertain only to the samples submitted for testing and not necessarily to all similar products.

CIGARETTE FLAMMABILITY

INTRODUCTION:

This report documents the CPSC 1632 / D.O.C FF 4-72 (Amended) Cigarette Flammability Test conducted on a standard pinnacle mattress as requested by Mr. Andy Karafa Jr. of Derby Industries with the testing conducted on July 18, 2005

SUMMARY OF RESULTS:

The stretcher mattresses **PASSED** the DOC 4-72 (Amended) Cigarette Flammability Test. (See attached data and photo sheets)

SAMPLE IDENTIFICATION:

Length, in.	79 ½"
Width, in.	36"
Thickness, in.	5 ½"
Weight, lbs.	22 ¾ lbs

The mattresses tested were constructed as follows:

Color: Grey

See attached documents at the end of this report.

TEST METHODS:

Consumer Product Safety Commission 16 CFR Part 1632, "Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72, Amended)" test procedures were followed in every respect.

TEST DATA:

See data sheets below.

REMARKS:

The test material will be retained for thirty days from the date of this report and then discarded unless otherwise notified.

F:\Product\MMFILES\BLL\CigFlamReports\Derby Industries\30160 05-68751-2.doc

PROTOTYPE TEST RESULTS:

Sample Identification: Standard Pinnacle Mattress

Date of Test: July 18, 2005

Sample Description:

Color: Grey

TEST ROOM CONDITIONS AT TIME OF TEST:

Relative Humidity - 22 %

Temperature - 80 °F

SIDE 1	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0
Two Sheet Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
SIDE 2	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0
Two Sheet Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
SIDE 3	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
Two Sheet Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0

PROTOTYPE TEST RESULTS: (Cont)

SIDE 4	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
Two Sheet Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0
SIDE 5	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0
Two Sheet Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
SIDE 6	Cigarette Number						No. of relights
	Surface Type	1	2	3	4	5	
Bare Surface Test	Pillow	P	P	P	P		0
	Smooth	P	P	P	P	P	0
Two Sheet Test	Smooth	P	P	P			0
	Smooth	P	P	P			0
	Smooth	P	P	P			0

P = Pass (char length < 2" in any direction)

TEST RESULTS: Accept X Reject

I certify that this test was carried out in full accordance with the provisions of the Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72 Amended).

Witnessed by:

Tested by: