

PROJECT NUMBER: 30160 05-98751-1

PAGE: 1 of 7

DATE: July 19, 2005

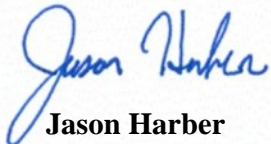
**STORK TWIN CITY TESTING CORPORATION**  
662 Cromwell Avenue  
St. Paul, Minnesota 55114

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

**Prepared for:**  
**DERBY INDUSTRIES**  
**Attn: Mr. Andy Karafa Jr.**  
**24350 State Road 23 South**  
**South Bend, IN 46614**

**Client Purchase Order Number: 25528**

**Prepared by:**



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**Reviewed 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 stretcher pad as requested by Mr. Andy Karafa Jr. of Derby Industries with the testing conducted on July 14, 2005

**SUMMARY OF RESULTS:**

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

**SAMPLE IDENTIFICATION:**

Length, in.	74"
Width, in.	25"
Thickness, in.	4"
Weight, lbs.	17 lbs

The stretcher pads tested were constructed as follows:

Color: Derby Berry

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 05-68751-1.doc

**PROTOTYPE TEST RESULTS:**

**Sample Identification:** Stretcher Pad

**Date of Test:** July 14, 2005

**Sample Description:**

Color: Derby Berry

**TEST ROOM CONDITIONS AT TIME OF TEST:**

Relative Humidity - 20 %

Temperature - 78 °F

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