



TEST SUMMARY REPORT

GHSP TESTING • LABORATORIES

TEST SUMMARY REPORT#: L20051031
TEST SUMMARY REPORT DATE: 07/19/05
SAMPLE RECEIPT DATE: 07/11/05
TEST START DATE: 07/18/05
TEST COMPLETION DATE: 07/18/05

CUSTOMER: Florida Patio
Ralph Hakim
506 8th ST.
West Palmetto, FL 34221

PAGE 1 OF 3

REV.:Release

TEST REQUEST # N/A
GHSP RFQ # 9127

CONDITION OF SAMPLES AS RECEIVED: Normal

PRODUCT(S) TESTED

Two (2) Lounge chairs identified as GHSP sample numbers 19688 and 19689.

TEST METHOD/DESCRIPTION

ANSI/BIFMA X5.4 1997 Clause 13 – Seating Impact Test – Cyclic

This test will be modified by the request of the customer to the following changes:

- 13.3C – Eliminate requirement (no cushioning).
- 13.3D – Change the size of the test bag from 16" +/- 2" to 32" +/- 4" increase weight from 125lbs to 150lbs.
- 13.3E – Eliminate requirement (applies to units with more than one seat).
- 13.4A – Change cycle count from 100,000 to 500 cycles.

ANSI/BIFMA X5.4 1997 Clause 14 Drop Test – Dynamic

This test will be modified by the request of the customer to the following changes:

- 14.3C – Change load on seat position from 225lbs to 150lbs.
- 14.3D – Change the weight of the bag from 300lbs to 150lbs functional load.
- 14.4.1A – Change drop height from 6 inches to 3 inches.
- 14.4.2A – Change load from 300lbs to 150lbs.
- 14.4.2B – Change drop height from 6 inches to 3 inches.

ACCEPTANCE LEVEL

ANSI/BIFMA X5.4 1997 Clause 13 – Seating Impact Test – Cyclic

There shall be no loss of serviceability.

ANSI/BIFMA X5.4 1997 Clause 14 Drop Test – Dynamic

A functional load applied once to each seat shall cause no loss of serviceability.

A proof load applied once to each seat shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable.

TEST RESULTS

Samples 19688 and 19689 met the acceptance levels for Seating Impact and Drop Test with the stated modifications.

Sample 19688 – The seat material was observed to have stretched as a result of the Drop Impact test.

DATA & OBSERVATIONS

See setup photos on page two of this report.

TEST EQUIPMENT USED

EQUIPMENT # (TL)	SERIAL NUMBER	DESCRIPTION	CAL. DUE
GHSP	N/A	Fork Truck	N/A
GHSP	N/A	Tape Meaure	Ref. only
TL046	GHSP	PC Control Bench	06/03/06
TI384	B39660	200lb Chatillon	05/23/06

TESTING CONDUCTED AND/OR
REVIEWED BY:

Mike Gossard
MIKE GOSSARD
Sr. Lab Technician

TEST SUMMARY REPORT
APPROVED BY:

Eric Fouch
ERIC FOUCH
Test Lab Team Leader



GHSP TESTING LABORATORIES - 1250 S. Beechtree Street, Grand Haven, MI 49417 (616) 847-7379 Fax: (616) 847-4233

THIS TEST SUMMARY REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL ONLY WITH GHSP TESTING LABORATORY APPROVAL
TEST RESULTS IN THIS TEST SUMMARY REPORT RELATE ONLY TO THE SPECIFIC TEST SAMPLE(S) LISTED!



Mechanical # 1107.01
Acoustics & Vibration # 1107.02

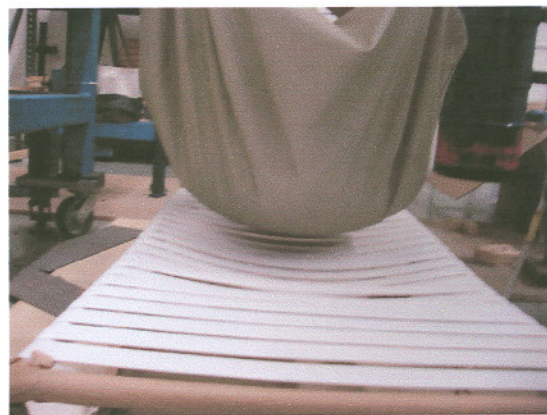
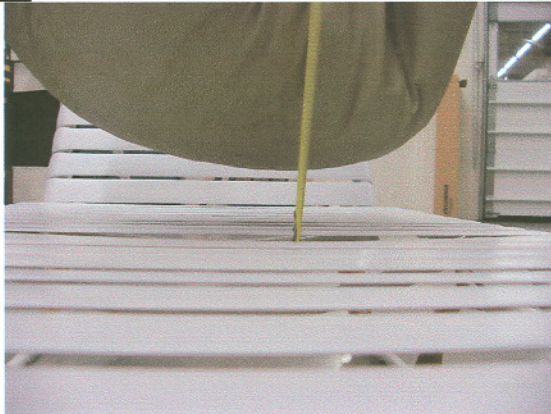
TEST SUMMARY REPORT

GHSP TESTING • LABORATORIES

TEST SUMMARY REPORT#: L20051031

PAGE 2 OF 3

TEST PICTURES



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GHSP TEST LOG

DURABILITY

TL: 046
 RFQ: 9127

- PRE-TEST
- EQUIPMENT CHECK w/cal. date
 - SPECIFICATION VERIFICATION
 - VERIFICATION/CALIBRATION EQUIPMENT
 - PHOTO(S) OF SETUP

TEST SAMPLE NUMBER(S): 19688, 689

DATE	TIME	CYCLES	LOG ENTRIES	TEMP.	RH%	INITIALS
07/18	12:00		dropped shot bag 3" with 150 weight twice sample 19688 is ok mill stretching sample 19689 is ok of seat material	22.1	52.6	mg
07/18	2:30	0	cycling sample 19688 500 cycles with 150lb. sample is ok	22.8	52.4	mg
07/18	3:00		cycling sample 19689 500 cycles with 150lb. sample is ok	"	"	mg

EQUIP. # (TL)	SERIAL #	DESCRIPTION	CAL. DUE
76384	3 B39660	200lb Chatillon	5-23-06
GHSP	GHSP	Fork lift	NA
GHSP	N/A	Tape measure	Ref. only
76046		PC control bench	6.03.06

GHSP TL 010
 KNC
 23/Sept/04

PAGE 1 OF 1

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Test Report Number L20051031
 Page 3 of 3
 Initials mg