



Sealed Air Taiwan Ltd.

Taiwan Packaging Laboratory

No 20 Lane 238 Tun-Hwa N. Road, Taipei, Taiwan. Tel:(886)02-2713-5321 Fax:(886)02-2713-5334

International Safe Transit Association
Certified Packaging Laboratory



ID Number: ST-2304

Drop Test Report

Nov 16, 2000

Prepared for: ASTECH TECHNOLOGY CO., LTD.

Product: ACS-2303

Carton Information: Double Wall AB-flute
400x325x180mm Inside Dimensions

Current Packaging: Instapak Gflex

Test Method: International Safe Transit Association (ISTA) Procedure 1A-Pre-shipment test for packaged products weighing under 100 pounds.

Test Equipment: Lansmont Precision Drop Tester

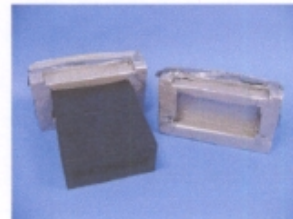
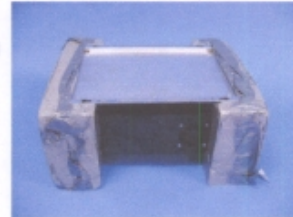
Package Weight: 6.4 kgs

Drop Height: 36"

Drop Description: 10 drops
Manufacturers joint lower corner, three radiating edges, and six faces.

TEST RESULTS: After testing, the outer container still afforded reasonable protection to its contents. There was no apparent physical damage to the unit. Functional testing, however, was not performed.

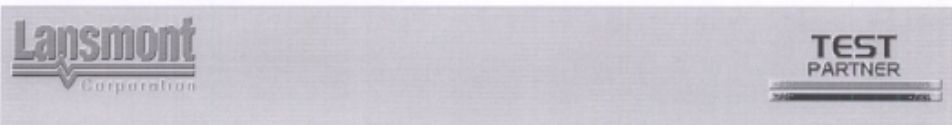
CONCLUSION: Provided that this unit is found to be in good working order, this package is suitable for common parcel shipment of this product.
It meets or exceeds the drop test portion of the International Safe Transit Association Procedure 1A pre-shipment test specifications.



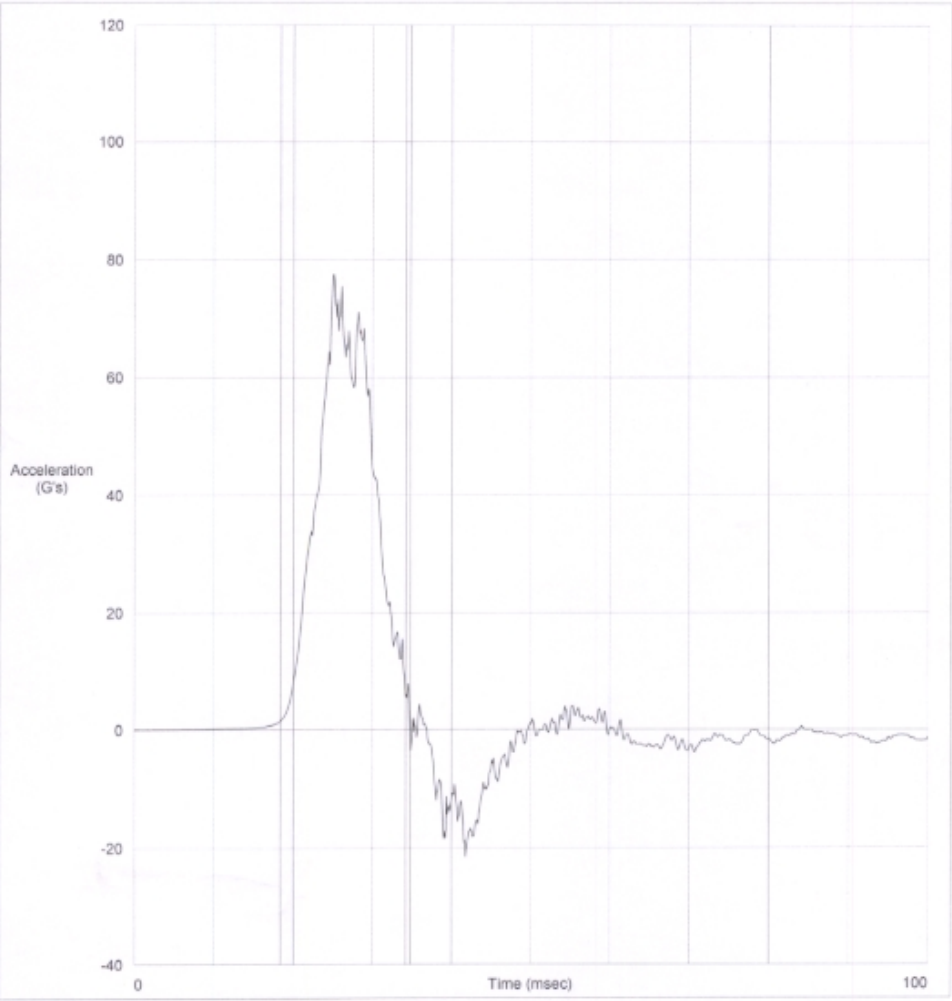
Please contact with me if you have any question!!

Tony Chang

Mark Hsu
Packaging Lab manager/Packaging Designer
Tony Chang
Packaging Designer



Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 1 Channel 1	77.66	14.20	240.19	330.00	77.66	-21.58



Test ID: ACS-2303
Drop Height: 36 inch

Remarks:

Acceleration vs. Time

Bottom
C:\Program Files\TP3\acs-2303-5.PL3

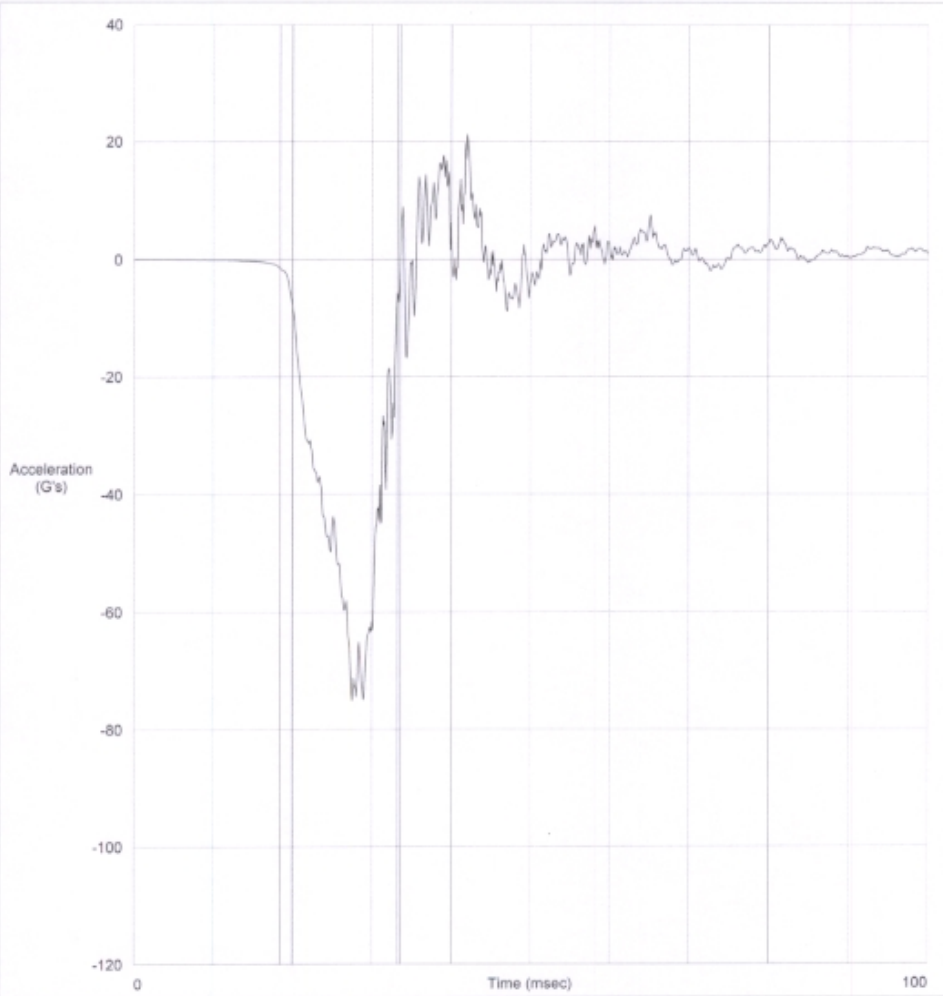
01:35:56 PM
Nov-16-2000



TEST
PARTNER

Channel Description:
Ch 1 Channel 1

G's	msec	In/S	Filter Hz	Max G's	Min G's
-75.19	13.30	-229.12	330.00	21.25	-75.19



Test ID: ACS-2303
Drop Height: 36 Inch

Remarks:

Acceleration vs. Time

Rear
C:\Program Files\TP3\acs-2303-4.PL3

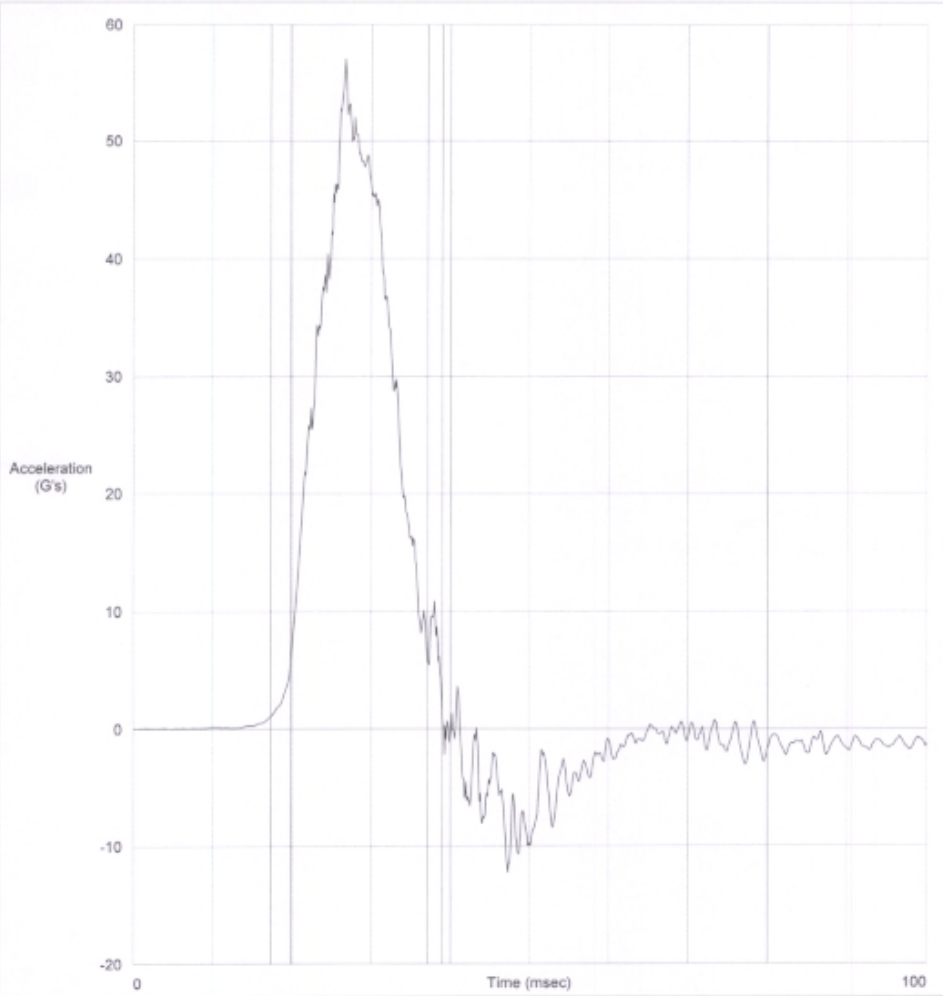
01:34:59 PM
Nov-16-2000



TEST
PARTNER

Channel Description:
Ch 3 Channel 3

G's	msec	In/S	Filter Hz	Max G's	Min G's
57.07	17.30	226.90	330.00	57.07	-12.29

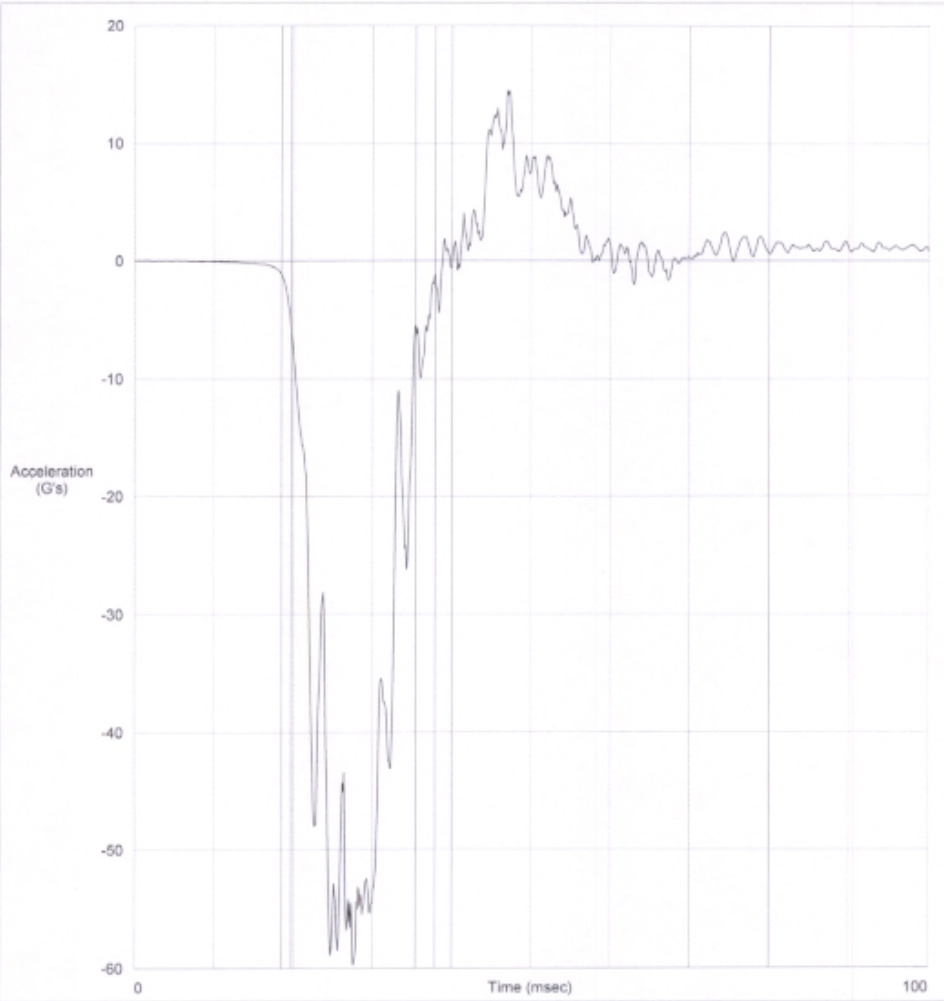


Test ID: ACS-2303
Drop Height: 36 inch

Remarks:



Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 3 Channel 3	-59.77	15.70	-235.34	330.00	14.47	-59.77

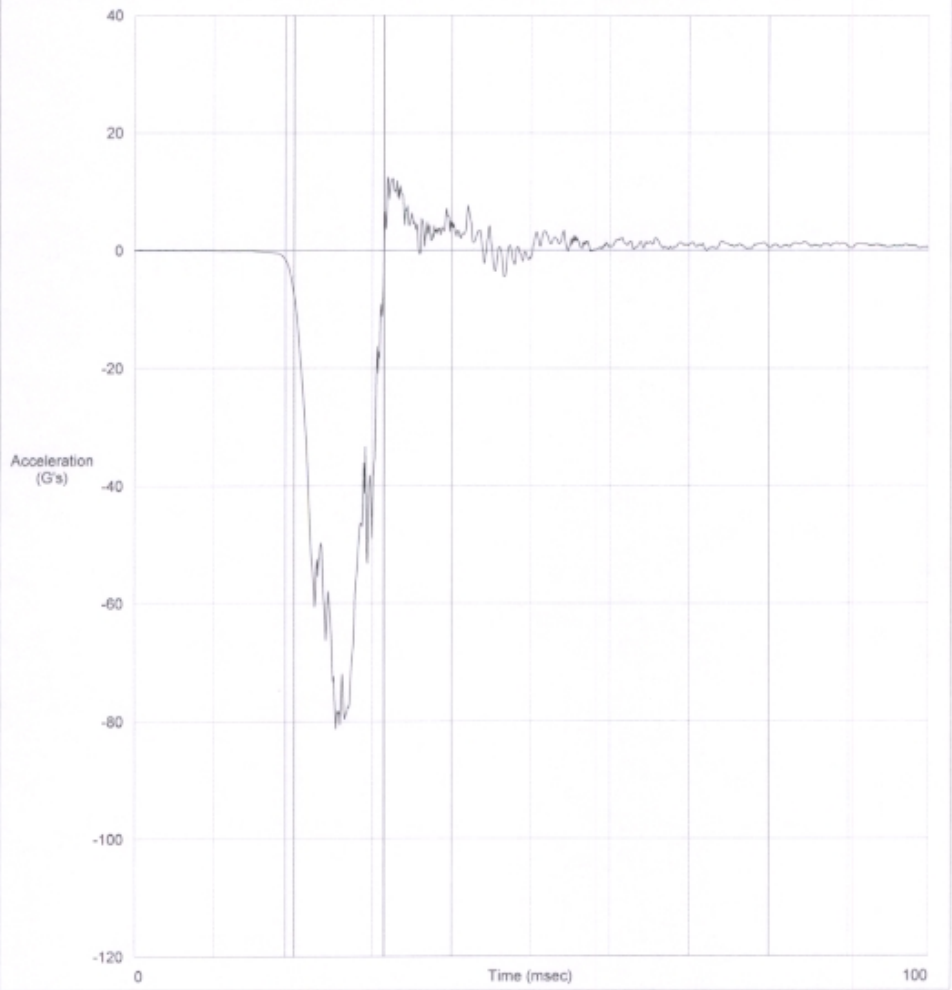


Test ID: ACS-2303
Drop Height: 36 Inch

Remarks:



Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 2 Channel 2	-81.37	11.30	-216.85	330.00	12.45	-81.37



Test ID: ACS-2303
Drop Height: 36 Inch

Remarks:

Acceleration vs. Time

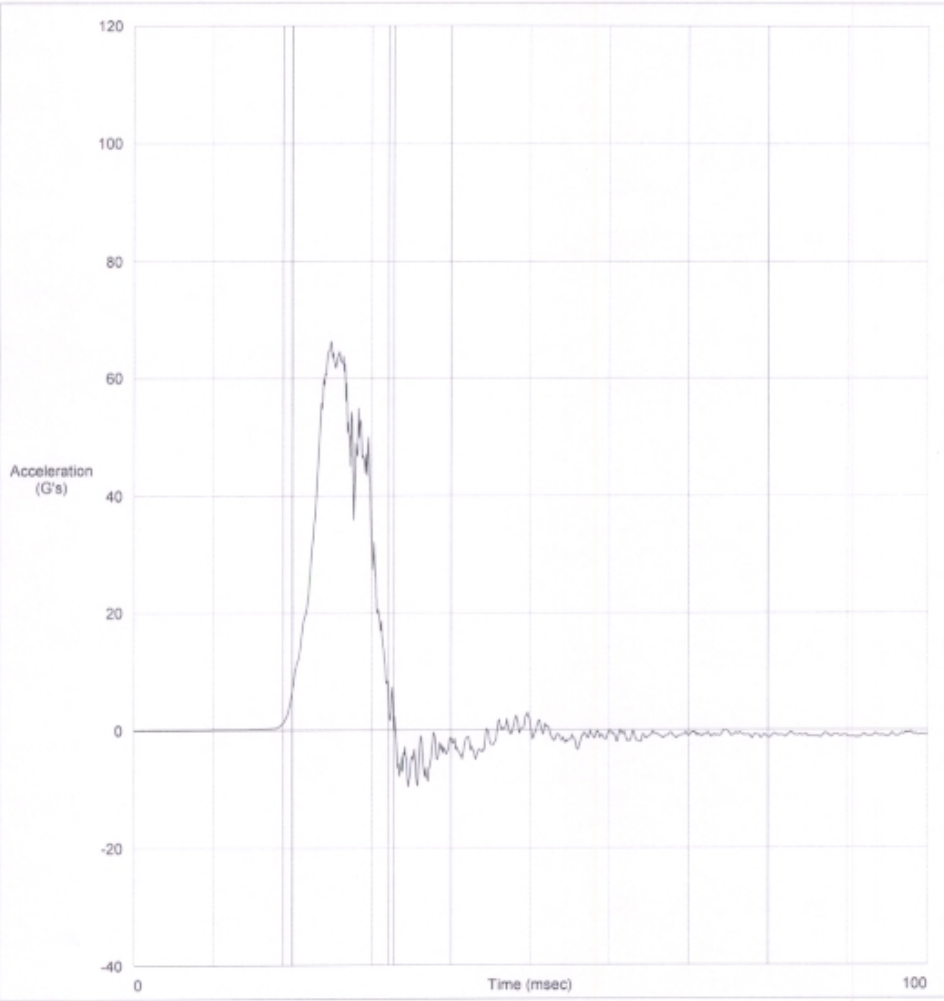
Left
C:\Program Files\TP3\acs-2303-1.PL3

01:29:55 PM
Nov-16-2000



TEST
PARTNER

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch 2 Channel 2	66.29	12.20	187.30	330.00	66.29	-9.60



Test ID: ACS-2303
Drop Height: 36 inch

Remarks: